



Sur**Tech**

**DR. SUDHIR CHANDRA SUR INSTITUTE OF
TECHNOLOGY AND SPORTS COMPLEX**

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

Website: www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology
West Bengal, WBSCTVESD and Approved by AICTE

ANNUAL REPORT

2022-23



www.surtech.edu.in

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Index

Sl. No	Content		Page No
1	Message from Managing Director		2
2	Message from Principal		3
3	Vision and Mission of the Institute		4
4	Awards & Association		5
5	Achievements & Recognition		12
6	Events (FDP/MDP/WEBINAR/SEMINAR/WORKSHOP)		17
7	NSS Activity Reports		27
	NCC Activity Reports		61
8	Club Activity Reports		83
9	Institutional Organogram		144
10	Administrative Heads		145
11	Departmental Heads		146
12	Admission Report		147
13	Scholarship		148
14	Training & Placement		150
15	Higher Study		161
16	Library Resources		166
17	Memorandum of Understanding (MoU)		166
18	IT Resources		176
19	Departments	Department of Basic Science and Humanities	178
20		Department of Civil Engineering	194
21		Department of Automobile Engineering	211
22		Department of Computer Science &Engineering	223
23		Department of Electronics and Communication Engineering	243
24		Department of Electrical Engineering	256
25		Department of Mechanical Engineering	274
26	Research & Publications		287
27	Committee List		295

Message from Managing Director



Sardar Taranjit Singh

In its broadest meaning, education is any act or experience that shapes a person's mind, character, or physical abilities. Technically, education is the deliberate transmission of society's acquired knowledge, skills, and values from generation to generation. Thus, education is the basic fulcrum that drives societal growth.

The quality of education is clearly the priority in this era of globalization. Quality is not a single metric.

A good educational institution works to maintain and improve quality in all areas of operation.

I believe that a teacher may shape an educated and socially responsible human being by instilling two traits in students: curiosity and determination. Second, a teacher's noble life becomes a light for students when they establish strong values and put them into practice.

SurTech's objective to provide the best studying, teaching, and research possibilities for students and academics is to provide students with modern knowledge and strong values.

Our students find the thrill and rigor of new discoveries, and develop skills of investigation, evaluation, and communication that will serve them well in their jobs and lives.

Students' creativity, teamwork, and international competition thrive. SurTech is committed to academic independence and cultural diversity to attract students and teachers.

At Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex (SurTech), we try to establish an environment that inspires personal and professional progress. Our efforts are focused on recognizing and understanding human talent and enthusiasm. SurTech is thus about "how we can best educate our students to confront the future's challenges".

With a 160-year tradition of academic achievement, scientific advancements, and high-tech innovation. I urge you to seize this fantastic chance and join us actively contributing to the globalization of our society.

With these remarks, I welcome everyone to SurTech and wish them every success on their new adventure with us.

Sardar Taranjit Singh
MD, JIS Group

Message from Principal



Prof. (Dr.) Saradindu Panda

I am honoured and greatly privileged to lead Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) and continue the ambitious strategy of addressing the challenges and opportunities of the future to benefit our communities more widely.

On the global platform, India has the responsibility of transforming itself into a developed nation with a strong ethical system- this; however, is a great challenge, as this can only be achieved through the youth of today who have the power of ideas, ambition, ability and most importantly passion.

I believe passionately that we are all born with tremendous capabilities, but unfortunately, we lose these as time goes by and ironically this can be directly attributed to the current system of education which stifles the creative senses rather than enhancing it.

Stepping into the JIS Group of Institutions is stepping into a brighter world of education and a knowledge hub. It is worthwhile to take advantage of the opportunity to see the difference and enjoy the "joy of learning."

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (Formerly known as Dr. Sudhir Chandra Sur Degree Engineering College) is one of India's top educational institutions, providing high-quality education to students with the goal of becoming a world-class technical education and scientific research institution.

Since its inception in 2009, SurTech under the aegis of JIS Group has continued in subtle ways to pour fresh knowledge, human capital, and innovation into the engines of our society and nurturing a new generation of young professionals who are prepared to face the ever-changing social, economic, and technological landscape of our country in order to build a more inclusive and sustainable society on a national and international scale.

Over the last decade, the Institute has evolved into a strong blend of cutting-edge infrastructure and tightly connected human resources dedicated to providing professional education with a focus on creativity and innovation.

In a short span SurTech has become an ensemble of a multi-layered educational system which covers all aspects of diploma, under-graduate and postgraduate education with smartly crafted and industry compliant course curricula using state-of-art infrastructure in a climate of possibility and transform lives and enhance communities.

The research activities of our faculty lead to an extraordinary enrichment of the experience of our students that is realized at both the graduate and undergraduate levels. The research training provided to our graduate students creates the next generation of scholars well-prepared to advance knowledge and transfer technology. The extension of research opportunities to an ever-increasing group of undergraduate students adds a dimension of experience to the undergraduate education that simply cannot be duplicated in the classroom.

SurTech heralds the latest and newest but never allows itself to be consumed by the intellectual fads of the day. Our graduates are smart, collaborative and entrepreneurial. They use the creative space of SurTech to actualize their potential. We are encouraging entrepreneurship and innovation on the campus.

We are facilitating campus recruitments and connecting our students to the world. The College strives for quality in training to instill a feeling of professional responsibility, social and cultural awareness, and to prepare students for leadership roles.

Campus life here emphasises the value of extracurricular activities in addition to academic learning, exposing students to a variety of fresh opportunities. All of this contributes to our student's development as a thoroughbred professional, well-suited to contribute to his chosen field while keeping an open mind to new ideas and concepts in industrial and technical breakthroughs through conducting Guest Lectures, Industrial Visits, Vocational Training (internships), student chapters of international professional groups, sponsored projects, and other means, students are able to meet with industry experts.

I can say with legitimate pride that the College has achieved far more than just the modest target set at the time of its inception by producing a trained human resource to serve the country in all walks of life and by contributing to the knowledge base.

I am glad to have this opportunity to serve as the Principal of this glorious institution. SurTech pledges to the state, the nation and the world that our endeavours will benefit all citizens. I invite you to join and strengthen this venture.

Prof. (Dr.) Saradindu Panda

PhD-Tech (NIT, DGP), M.Tech (VLSI, J.U), BE (UIT, BU) Vice Chair, IEEE CASS Kolkata Section IQAC Member of Swami Vivekananda College, Rahara, Ramakrishna Mission MIEEE, MIASSE, MIEI, MIETE, MIAENG, MCSTA, MIREd, MIAE, MITEEA

Vision and Mission of the Institute

Vision of the Institute

To be a top global technology institute that creates leaders & innovators and generates new knowledge for society & industry via transformative education.

Mission of the Institute

- **Excellence in Education:** Education of world-class quality, based on ethics and critical thinking, for the betterment of life.
- **Innovative Research:** An innovation ecosystem to advance knowledge and tackle pressing issues.
- **Impactful People:** Happy, accountable, compassionate, and effective employees and pupils
- **Productivity Enhancement:** Active engagement with national and international companies, as well as institutions, in order to increase productivity and economic development.
- **Service to Society:** Providing knowledge and compassion to the region and the planet.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Awards & Association 2022-23

Awards & Association



Awards & Association



Awards & Association



Ardent Computech Pvt
Ltd[ECE and CSE]



Abacus Digital Pvt Ltd



Nikhil Bharat Shiksha
Parishad[Automobile ,CSE and ECE]



Hyundai Motor India Ltd
[Automobile]

Awards & Association



Logiczap



Xviot Technologies



Sikharthy Infotech Pvt.Ltd



Gapcrud Pvt Ltd.



**Eureka Sciencetech
Research Foundation**

Eureka Sciencetech Research Foundation

Awards & Association

Other Association



Confederation of Indian Industry

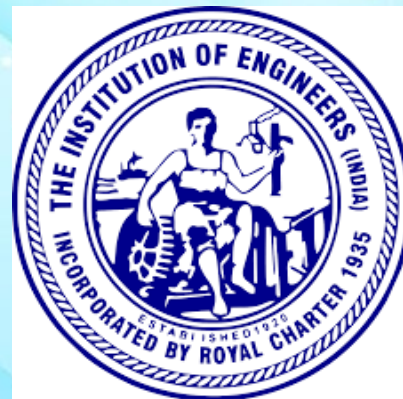


Awards & Association

Other Association



AIT
Asian Institute of Technology



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Achievements & Recognition 2022-23

Achievements & Recognition

JIS GROUP
Educational Initiatives

Congratulations

JIS Group

Outlook ICARE Rankings 2023
INDIA'S BEST COLLEGES

 Rank 51	 Rank 78	 Rank 81	
 Rank 114	 Rank 123	 Rank 146	

www.jisgroup.org

Achievements & Recognition



We Support Sustainable Development Goals



Certificate of Ambassadorship

This is to certify that

Prof. Anirbit Sengupta

is an Affiliate - Individual - SPSC Ambassador
(Sustainable Procurement & Supply Chain Ambassador)
in a personal capacity.

We appreciate your efforts, enthusiasm and empathy to
support Sustainability & Sustainable Development Goals.

- Ambassador is not allowed to receive any monetary benefits on behalf of iso20400plus Ltd
- Ambassador is not allowed to make any financial commitment on behalf of iso20400plus Ltd
- Ambassadors are people/organisations who act in their personal capacity, or in a professional capacity representing their organization, and not on behalf of iso20400plus Ltd
- Ambassadors are committed to informing, inspiring and supporting Sustainability and United Nations SDGs in their communities and networks
- Valid Ambassadorship certificate should be verifiable by reading QR code through a smartphone camera
- Valid Ambassadorship certificate should be verifiable on our website - <https://iso20400plus.com/verify/>

Issued On 5 Mar 2022

Valid till 31 Dec 2022

p. makadia

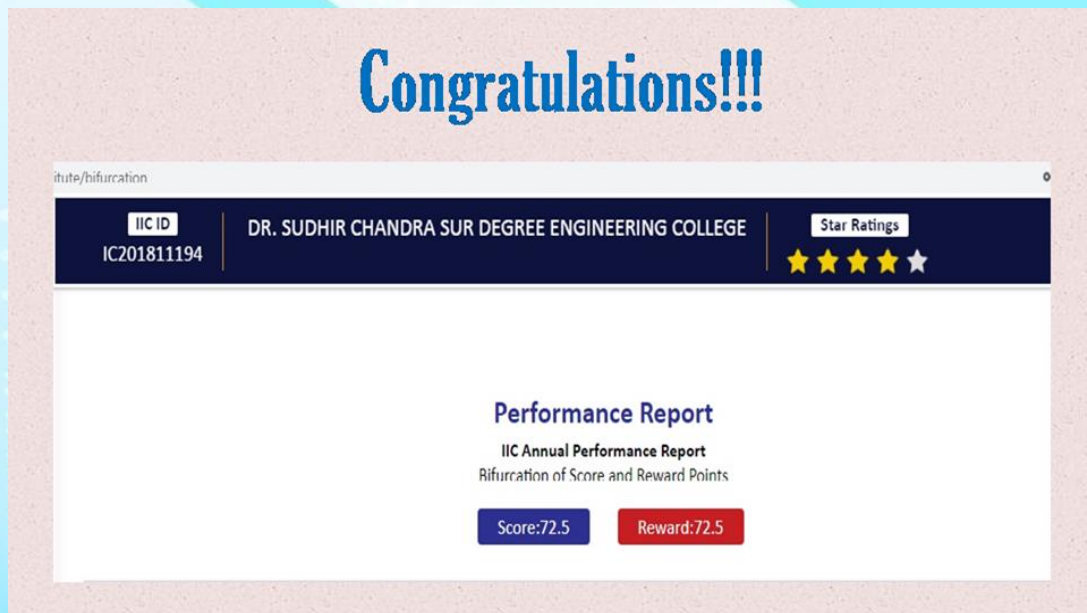
Parin Makadia
Director - Sustainability
iso20400plus Ltd - Aberdeen - Scotland - UK

Certificate No # INDPROFANIIAF00000602
Verify at <https://iso20400plus.com/verify/>



www.iso20400plus.com
www.iso20400plus.com/ambassador
<https://www.facebook.com/iso20400plus>
<https://www.linkedin.com/company/72717297/>

Achievements & Recognition



IIC RATING







**OUT OF 4
STAR RATING**

★★★★★

With great pleasure we would like to inform you that **Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex** have been awarded 4 stars in the IIC Annual Performance Ratings published by the Ministry of Education-Institution's Innovation Council, Government of India

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

www.surtech.edu.in

www.jisgroup.org

Achievements & Recognition



CONGRATULATIONS

PROF. (DR.) SARADINDU PANDA



Principal

**DR. SUDHIR CHANDRA SUR INSTITUTE OF
TECHNOLOGY AND SPORTS COMPLEX**

**For being Selected as a
CHAIR, IEEE CAS CHAPTER, KOLKATA SECTION**

6291977707

<https://www.surtech.edu.in/> | www.jisgroup.org

CHAIRMAN IEEE CAS KOLKATA CHAPTER

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Events 2022-23

Events Organized

WEBINAR/SEMINAR/WORKSHOP SESSION ORGANIZED



Title: Seminar on "Mind Controlled Robot"

Speaker: Prof.(Dr.) Amit Konar, Professor, ETCE Dept, Jadavpur University

SEMINAR
On
Internet of Things in Our Everyday Life

Chief Guest & Speaker
Prof. Dr. Debashis De
Vice Chairman, IETE Kolkata Centre

Chief Guests
Prof. Dr. Jyotsna Kr. Mandal
Ex-Chairman, IETE Kolkata Centre
Dr. Aniruddha Nag
Secretary, IETE Kolkata Centre

Organized by
ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT
Under the aegis of IETE- ISF
1st November, 2022|12:00 pm onwards
Room no 418, College Auditorium

Logos: IETE, SurTech, JIS GROUP, QR code for registration.

www.surtech.edu.in | +91 33 2560 3889 / +91 6291977707 | www.jisgroup.org

Title: Seminar on "Internet of Things in our everyday life"

Speaker: Prof. (Dr.) Debasish Dey, Vice chairman, IETE Kolkata Centre

Seminar
on
'Industrial Application of IoT Technology'

Chief Guest and Speaker
Prof. (Dr.) Joyanta Kumar Roy
Chairman
Institution of Electronics and Telecommunication
Engineering
Kolkata Section

Organized by
Department of Electronics and Communication Engineering
Under the aegis of IETE-ISF
On 17th November, 2022
From 12 pm onwards
at room no 220

Logos: IETE, SurTech, JIS GROUP.

www.surtech.edu.in | www.jisgroup.org

Title: Seminar on "Industrial application of IoT Technology"

Speaker: Prof. (Dr.) Joyanta Kr. Roy, Chairman, IETE Kolkata Centre

Events Organized



uden

Students attending the workshop on Building India towards Automation - Introduction to Catia





Presents

"A workshop on Business Model Canvas (BMS)"
(An activity under The Institution's Innovation Council)

Organised by
Department of Mechanical Engineering

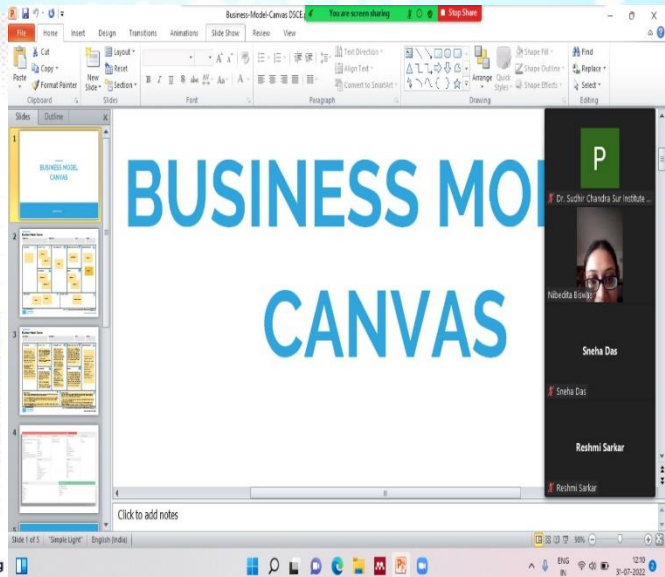



To Join Scan QR Code

Surya Narayan Bhandari
Alumni, 2017 Pass-out (ME Department)
Proprietor, S. N. B. Gears & Engineers

31st July, 2022| 11:30 A.M. Onwards

www.surtech.edu.in



a workshop on "Business Model Canvas (BMS)" on 31.07.2022.

Events Organized



Industry Visit at Ellenberrie gas Pvt. ltd
on 24.08.2022

Essay Writing Competition on 25.08.2022

SurTech | INSTITUTION'S INNOVATION COUNCIL | JIS GROUP Educational Initiatives

Presents

Essay Writing Competition

Topics :

1. Innovation: Key to Atmanirbhar Bharat
2. Entrepreneurship: key to self-reliant India
3. Innovation and Entrepreneurship Practices: In allegiance with NEP

Organised by
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
Venue : Room No. 519, DSCSITSC

25th August, 2022 | 02:00 P.M. Onwards

www.surtech.edu.in www.jisgroup.org

SurTech | INSTITUTION'S INNOVATION COUNCIL | JIS GROUP Educational Initiatives

Presents

Webinar on

Journey of an Entrepreneur From Idea to Product

Organised by
IIC Cell
In Collaboration with
Department of Mechanical Engineering

Speaker : **Mr. Dipanjan Datta**
2017 pass out (ME Department), MBA from DSI bangalore,
Currently Business Operations Manager at Randstad India Pvt Ltd

27th August, 2022 | 11:00 A.M. Onwards

www.surtech.edu.in www.jisgroup.org

Webiner on "Journey of an Entrepreneur:
From Idea to Product"
DATE- 27.08.2022

Project competition organised on 30.08.2022

SurTech | JIS GROUP Educational Initiatives

Robotics club presented
A Project competition

30th August, 2022 | 1.00 PM IST Onwards

www.surtech.edu.in www.jisgroup.org

Events Organized



Industrial visit at TECH COGNITION on 07.11.2022



Industrial visit at RDC Concrete on 20.02.2023

Events Organized

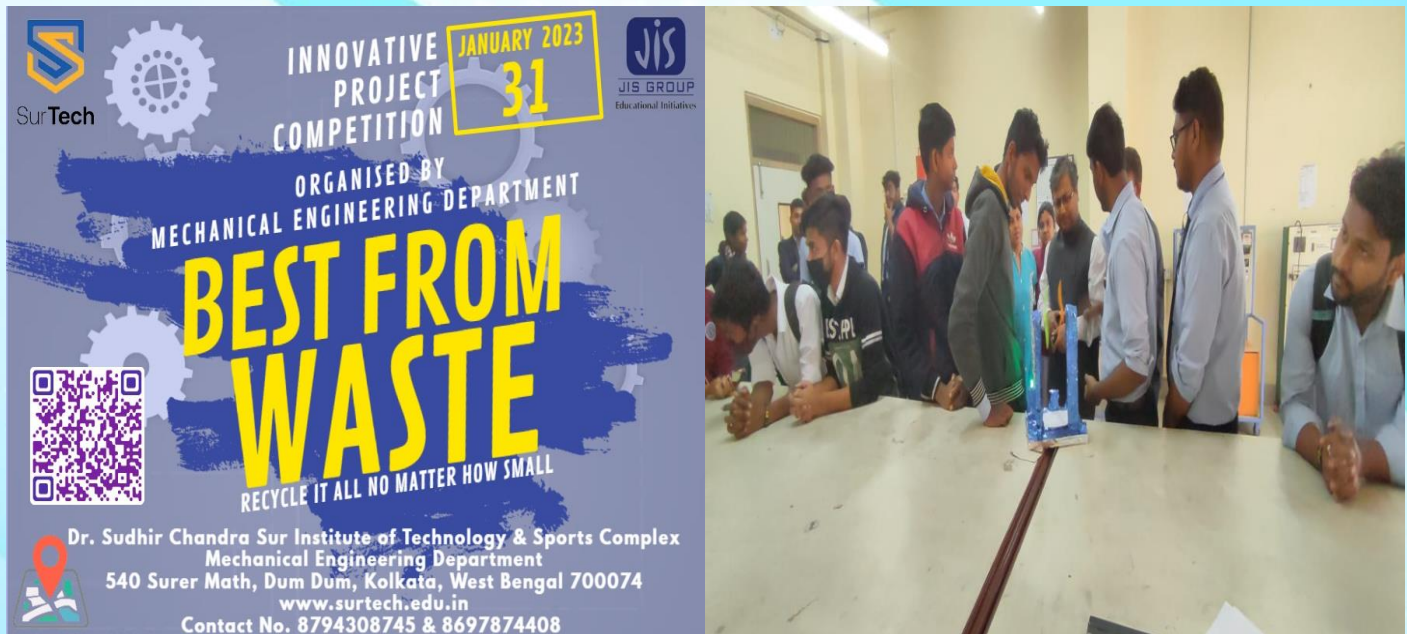


Industrial Visit at Texmaco-Belghoria on 16.03.2023.



Industrial visit at Kolaghat Thermal Power Station on 18.04.2023.

Events Organized



Student at the Project competition on “Best from waste”

Mechanical Engineering Department organised a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26.06.2023 to 30.06.2023.

Ibhan Kumar sharma of Mechanical Engineering Department won FIRST PLACE in Inter college High Jump Competition.

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-2023	Soumik Jash	Accounts Officer	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Abhishek Das	Account Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Kripashankar Tiwari	Office Executive	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Suman Singh	Front Office Executive	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Nirupam Sarkar	Office Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Prasenjit Paul	Assistant Librarian	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Prabir Dutta	Library Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Rahul Choudhary	Store Keeper	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Debina Dey	Manager	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Antara Chowdhury	Office Executive	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Madhab Naskar	Office Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Pallabi Das	Technical Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Sanjib Sarkar	Lab Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Anupama Kumar Guha	Technical Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Jit Majumder	Technical Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Tanmoy Das	Technical Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Sayani Ghosh Saha	Marketing Executive	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Suparna Rej	Tele caller	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Jayanta Si	Senior Technical Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023
2022-2023	Sandip Bhadra	Senior Technical Assistant	MDP on Learning Management System & Effectiveness	26/06/2023 to 30/06/2023

Events (FDP/MDP)

Year	Name of the participant	Designation	Title of the FDP	Dates (from-to) (DD-MM-YYYY)
2022-2023	Sayantana Chakraborty	Associate Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Kriti Mukherjee	Assistant Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Suvendu Mondal	Assistant Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Atreyee Kundu	Assistant Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Prathita Roy	Assistant Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Rumrum Banerjee	Assistant Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Soumen Dhara	Assistant Professor	FDP on Emerging Trends and Strategies for IPR	05/05/2023 to 10/05/2023
2022-2023	Himadri Biswas	Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Shefalika Ghosh Samaddar	Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Samarjit Roy	Associate Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Sanjoy Bhattacharjee	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Ruchira Dutta	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Bandana Khan	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Bishal Das	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Soumitra Roy	Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Ashya Khatoon	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Rinku Supakar	Associate Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Madhusmita Mishra	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Arpita Saha Chowdhury	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Arnab Hazra	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Anjan Kumar Payra	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Debdatta Chatterjee	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Amitava Halder	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Amal Kumar Saha	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Tanhabha Bhattacharjya	Assistant Professor	FDP on Cyber Security and Cryptography	26/06/2023 to 30/06/2023
2022-2023	Sujoy Saha	Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Ruma Sen	Associate Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Arpita Chatterjee	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Arindam Banerjee	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Arpita Dey	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Geetika Kumari Salwan	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Rajarshi Chakraborty	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023

Events (FDP/MDP)

2022-2023	Rahul Kumar Prajapati	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Pradeep Kumar Sharma	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Saumyadip Karan	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Subhasish Halder	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Subhendu Pal	Assistant Professor	FDP on Advanced Manufacturing Latest Trends and Techniques	26/06/2023 to 30/06/2023
2022-2023	Ananya Banerjee	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Debasmita Manna	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Pijush Dutta	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Somdutta Pal	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Gautam Kumar Das	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Supriyo Srimani	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Firozuddin Sk	Assistant Professor	FDP on Python Programming & it's Application	01/08/2022 to 08/08/2022
2022-2023	Soumyendu Bhattacharjee	Assistant Professor	FDP on Emerging Technologies in IoT and 5G Network	08/05/2023 to 12/05/2023
2022-2023	Anirban Chowdhury	Assistant Professor	FDP on Emerging Technologies in IoT and 5G Network	08/05/2023 to 12/05/2023
2022-2023	Anirbit Sengupta	Assistant Professor	FDP on Emerging Technologies in IoT and 5G Network	08/05/2023 to 12/05/2023
2022-2023	Aviroop Dewan	Assistant Professor	FDP on Emerging Technologies in IoT and 5G Network	08/05/2023 to 12/05/2023
2022-2023	Abhigyan Ganguly	Associate Professor	FDP on Emerging Trends and Research Opportunities in Electrical Engineering	10/04/2023 to 14/04/2023
2022-2023	Om Prakash Sharma	Professor	FDP on Emerging Trends and Research Opportunities in Electrical Engineering	10/04/2023 to 14/04/2023
2022-2023	Swapan Bhattacharya	Professor	FDP on Emerging Trends and Research Opportunities in Electrical Engineering	10/04/2023 to 14/04/2023
2022-2023	Asish Kumar Mukhopadhyay	Professor	FDP on Emerging Trends and Research Opportunities in Electrical Engineering	10/04/2023 to 14/04/2023
2022-2023	Sangeeta Jana Mukhopadhyay	Assistant Professor	FDP on Advanced Pedagogy	19/06/2023 to 30/06/2023
2022-2023	Bidisha Dobe	Assistant Professor	FDP on Advanced Pedagogy	19/06/2023 to 30/06/2023
2022-2023	Somnath Dasgupta	Assistant Professor	FDP on Advanced Pedagogy	19/06/2023 to 30/06/2023
2022-2023	Biswabandhu Chatterjee	Associate Professor	FDP on Research Opportunities in PI, ML and IoJ in the field of Electrical Engineering	08/02/2023 to 14/02/2023
2022-2023	Baibaswata Das	Assistant Professor	FDP on Advancement of Cyber Security	22/08/2022 to 26/08/2022
2022-2023	Debasish Roy	Assistant Professor	FDP on Effective Filing of NAAC AQAR - Streamlining Institutional Performance	13/03/2022 to 18/03/2022
2022-2023	Krishnendu Kundu	Assistant Professor	FDP on Research Methodology	04/07/2022 to 08/07/2022
2022-2023	Nilanjana Banik	Assistant Professor	FDP on Advancement of Cyber Security	22/08/2022 to 26/08/2022
2022-2023	Prasun Seal	Assistant Professor	FDP on Effective Filing of NAAC AQAR - Streamlining Institutional Performance	13/03/2022 to 18/03/2022
2022-2023	Sourav Kumar Singha	Assistant Professor	FDP on Research Methodology	04/07/2022 to 08/07/2022



Sur**Tech**

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

NSS Activities



Academic Year (2022 — 2023)

Message from Coordinator



Ms. Debasmita Manna

Dear Students, Faculty, Staff, and Well-Wishers,

I'm pleased to speak to all of you as we present the annual report of the National Service Scheme (NSS) at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. This year has truly underscored the significance of service, collaboration, and community engagement.

Our students have fully embraced the spirit of NSS, dedicating their time and energy to various initiatives that have positively impacted both our campus and the local community. From environmental efforts to health awareness initiatives, each project has made a difference and showcased our youth's commitment to social responsibility.

I would like to extend my heartfelt thanks to our faculty and staff for their unwavering support. Your guidance has been vital in empowering our students to take initiative and create meaningful change.

As we move forward, let's continue to inspire one another and seek out new opportunities for service. Together, we can expand our efforts and increase our impact.

Thank you for your dedication and hard work. Here's to another year of service and growth

Dr. Debasmita Manna

Assistant Professor, Department of ECE

Vision and Mission of NSS

Vision

The vision is to create the youth with the soul and awareness to assist the society and give effort for the elevation of our country as a movement.

Mission

To afford headship and route in social services, enhance the capabilities of social service organizations, and promote strategic partnerships for social services.



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

INDEX

<u>Sl.No</u>	Extension Activities in Neighborhood Community (2022-23)
1	Tree Plantation Program
2	“Swachh Bharat Abhiyan” Awareness Activity
3	Campaign to Save Environment
4	Awareness Program on "Beti Bachao Beti Padhao"
5	Celebration on National Pollution Control Day
6	Blood Donation Camp
7	Health Checkup Camp
8	Workshop on Self Defense for Women
9	Free Eye Checkup Camp
10	Food Distribution
11	World Kindness Day- Cloth Distribution
12	Children's Day- Food Distribution



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

NATIONAL SERVICE SCHEME (NSS)

The National Service Scheme (NSS) is an Indian Government sector maintained public service scheme. This scheme comes under the fortification of the Ministry of Youth Affairs & Sports. The National Service Scheme (NSS) is an addition of events in the higher education system of India with the purpose of permitting apprentices to progress their nature by providing public service while they are learning. It provides opportunity to the apprentice youth of 11th & 12th standard of schools at +2 Board level and apprentice youth of Technical Institution, Graduate & Post Graduate at colleges and University level of India to take part in various Government led community service activities & programs. The sole aim of the NSS is to offer hands on practice/involvement to young apprentices in distributing community service. This NSS was launched on 24 September 1969 by Dr. Vijayendra Kasturi Ranga Varadaraja Rao (V.K.R.V. Rao). He was the Educational Minister during the 1969 to 1971. Since inauguration of the NSS in 1969, the number of apprentices' strength reached up to over 3.8 million approximately from various schools, colleges and universities to take part in various community service programs. Currently, the headquarter of NSS is located at New Delhi. The Programme Adviser, NSS, New Delhi is the National Head who mainly controls the NSS Scheme all over the India.

After freedom, the University Grants Commission (UGC) was controlled by Sarvepalli Radhakrishnan, who indorsed the outline of charitable nationwide service in academic organizations. In the January of 1950 The Central Advisory Board of Education (CABE) also considered the same things at their meeting. The Father of Nation, Mahatma Gandhi had known that our country could not develop in a proper track till the apprentice youth were inspired to give effort for the upliftment of the townships/public. According to Gandhiji, the townships, where majority of the people existing, personify the nation. Hence, for the nationwide modernization and revival it was considered suitable that the apprentices and educators should be correctly explained and applied for solidification the Indian civilization as a whole with specific accent on rural communal. Then, apprentice youth, educators and the communal are considered as the trio basic apparatuses of the National Service Scheme. After investigation the thought and the involvements of other nations in this ground, the board suggested that apprentices and educators should dedicate time to charitable physical work. In 1958 Chief Minister, Jawaharlal Nehru considered the thought of communal service as a precondition for qualification. It was focused the Ministry of Education to frame an appropriate scheme for the outline of national service into academic organizations.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

During the 1964 - 1966, D.S. Kothari, head of the Education Commission, endorsed that apprentices at every stage of schooling should be related with some arrangement of communal service. In a government declaration of national policy on education, it was specified that work involvement and national service should be an essential part of edification. Communal services are a variety of community services providing by any nationwide or local government body for its inhabitants, counting such things as health care, public housing, social care and social security. Increasing on our responsibilities as a membership body, we strive to be the voice of the sector and an advocate for underserved needs. We improve communal services, creator innovative programs, progress service delivery and efficiency, and increase commercial and communal engagement to match abilities and desires. Our multidirectional efforts to increase abilities, mobilize properties and offer subsidy to scale up the sector's proficiencies have a key goal in mind - supporting our associates to create long-lasting positive effect. So, for the national renovation and national recovery it was believed suitable that the apprentices and educators should be properly explained and applied for firming the Indian civilization as a whole with specific prominence on rural communal. Therefore, apprentice youth, educators and the communal are considered as the trio basic apparatuses of the National Service Scheme.

Vision: The vision is to create the youth with the soul and awareness to assist the society and give effort for the elevation of our country as a movement.

Resolution: To confirm that every person has the prospect to breathing a life of self-esteem to his or her fullest possible within society.

Mission: To afford headship and route in social services, enhance the capabilities of social service organizations, and promote strategic partnerships for social services.

Motto: The National Service Scheme (NSS) has been functioning with the motto “**Not Me But You**” in view of making the youth inspired in service of the people and hence NSS Aims Education through Community Service through Education. It is very profound and evocative and is good in keeping with the spirit of NSS service for others.

The face stands for two belongings:

- i) For receiving and yielding the Self and
- ii) Execution able service for others



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889,

25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

The word “Not” before “me” is to diminish the self to augment the reputation of others.

The shortened face “Not Me but You” can be just extended as follows:

I do not live for me but for you.

The world is not only for me but for you also.

The motto of NSS reminds us the words of Swami Vivekananda “Not I but, Thou”.

Objectives:

- i. To develop competence required for group living and responsibilities
- ii. To gain skills in mobilizing community participation
- iii. To acquire leadership quality
- iv. To develop capacity to meet emergencies
- v. To develop confidence for self-education for lifelong learning of advancements being happened around the world.
- vi. To understand the community in which they work
- vii. To understand themselves in relation to their community
- viii. To identify the basic needs and problems of the community
- ix. To develop among themselves a sense of civic responsibility
- x. To practice national integration and social harmony.
- xi. To exhibit the professional knowledge and accepting ethical responsibility to the problems of industry and society.
- xii. To develop professional, ethical attitude, team building skills and multi-disciplinary approach to demonstrate the ideal behavioral qualities while leading the team for deriving maximum productivity.
- xii. To develop consciousness in the issue of social concerns and enabling students to upgrade their personality and experience through community services to have a meaningful linkage between the Institution and Society.



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email: info@dsec.ac.in**NSS Symbol:**

The symbol for the NSS has been based on the giant Rath Wheel of the world famous Konark Sun Temple (The Black Pagoda) located in Orissa, India. The wheel represents the cycle of creation, preservation and release. It signifies the movement in life across time and space, the symbol thus stands for continuity as well as change and implies the continuous striving of NSS for social change. The eight bars in the wheel represent the 24 hours of a day. The red color indicates that the volunteer is full of young blood that is lively, active, energetic and full of high spirit. The navy-blue color indicates the cosmos of which the NSS is tiny part, ready to contribute its share for the welfare of the mankind.





SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in**Why Technical Persons Intend to do Social Service?**

- i.** In any growing work people are the most vital investors. Because of this circumstance that all growths prerequisite to help some embattled people, be it in the kingdom of well-being, edification, water supply, drainage/sewerage or any other engineering facts.
- ii.** Technologists per say one of the main messengers right from the postindependence era.
- iii.** Rising effect of globalization and contribution of all the development investors has been more noticeable.
- iv.** In any kind of developmental process, careful and specific planning to help the stakeholders both from the angle of participation and implementation.
- v.** Today with the rapid advancement of ICT, this need has become manifold. The actual implementers need to know both the environment and population in a holistic manner.

In today's world, this is most important because the executors must learn to know and analyze the actual ground reality from a bet



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Tree Plantation Program

Date- 15th September 2022 Time: 03.00 PM

Venue: South DumDum Municipality Area No of Participants: 70

Objective: The program's goal was to raise public awareness of the value of plantations and environmental issues.

A "Tree Plantation Program" was held on September 15, 2022, in the neighborhood with the theme "TREE-OUR LIFE" by the NSS and the Extra Curricular Committee of the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. The program was part of the Environmental Awareness scheme. They have also provided instructions on how to repurpose the plastic waste bottle for the plantation of saplings. The NSS team has taken the lead in encouraging the students to plant about 120 trees, which has helped to create a forestation and raise awareness among others. Certain regions of our nation may have a dry spell without any water at all during the summer, while other regions may see the start of the rainy season.

For most ecosystems, the summer heat is both a curse and a benefit. Thus, in order to conserve trees, we must band together since they will ultimately save our lives. In addition to supplying oxygen and enhancing air quality, trees also mitigate climate change, conserve water, and maintain soil.

The children planted a variety of tree species, maintaining that diversity. Numerous kinds of tree saplings, including eucalyptus, peepal, cinnamon, and neem, were planted. The NSS team leader discussed how planting trees contributes to temperature control and complete air carbon dioxide absorption. Principal Sir has described how planting trees contributes to a better environment and how many birds and animals call trees home.

Additionally, he recommended that all students plant a tree year, as this will aid in the worldwide effort to combat global warming. The Principal's vote of thanks concluded the day's activities. It was encouraged to each student to give away a sapling to plant in their neighborhood as well.

The students planted trees that had both therapeutic and aesthetic benefits, fulfilling the activity's goal. They also discussed with those nearby the benefits of the chosen tree after its saplings are planted. The commitment to maintain this program on a regular basis served as the activity's capstone.

Name of event	Coordinator	Number of participants
Tree Plantation	Ms. Debasmita Manna	70



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in**Banner of tree plantation program on 15th September 2022**

**SurTech**

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Glimpses of tree plantation program on 15th September 2022 at South Dumdum Municipality Area



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Swachh Bharat Awareness Activity Organized by NSS & Extra Curricular Activities Committee

Date: 10th February, 2023 **Time:** 11.00 AM **Venue:** Chatakol Slum Area **No of Participants:** 25

Objective: This activity was designed to raise awareness of the value of keeping our society and its environs clean.

On February 10, 2023, the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex Extracurricular and NSS Committee members, along with all students, organized a "Swachh Bharat Awareness Activity" under the Social Awareness scheme to spread the word about the importance of maintaining cleanliness everywhere.

Both the college campus and the individual classrooms have been tidied up by the students. In order to spread the word about this campaign, they have also moved to an adjacent street near Chatakol slum area, all under the watchful eye of the NSS team.

Name of event	Coordinator	Number of participants
Swachh Bharat Awareness Activity	Ms. Debasmita Manna	25

Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex
540, Dum Dum Road, Surer math, Kolkata –
700074; Phone: +91 3325603889
Website: www.dsec.ac.in
Email: info@dsec.ac.in



**“SWACHH BHARAT AWARENESS
ACTIVITY”
ORGANIZED BY
NSS & EXTRACURRICULAR
ACTIVITY**

Date : 10th February 2023, Time 11:00 AM

Swachh Bharat Awareness Program Banner held on 10th February 2023

**SurTech****Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex****(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Photos of Swachh Bharat Awareness Program on 10th February 2023 at Chatakol Slum area



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Campaign to Save Environment Organized by NSS and Extra Curricular Activities Committee

Date- 9th December 2022

Time: 11.00 AM **Venue:**

Dumdum Road No of

Participants: 30

Objective: To raise public awareness of the importance of environmental conservation.

On December 9, 2022, the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex's NSS team, Extracurricular Committee members, and students organized an Environmental Awareness program called "Environmental Awareness Activity - Ozone Layer Preservation Day" in order to raise awareness of the environment and nature in our society.

The activity's goal was to raise public awareness of the environment and how the ecological cycle keeps the world alive. In essence, environmental awareness will improve the natural environment and assist us in making decisions that will help, not harm, the planet.

The Extracurricular Activities Committee arranged poster-making and slogan-writing competitions, in which students and members of the NSS team took part. In addition, the NSS members have planned an environmental awareness rally on DumDum road.

Name of event	Coordinator	Number of participants
<i>Campaign to save Environment</i>	Ms. Debasmita Manna	30

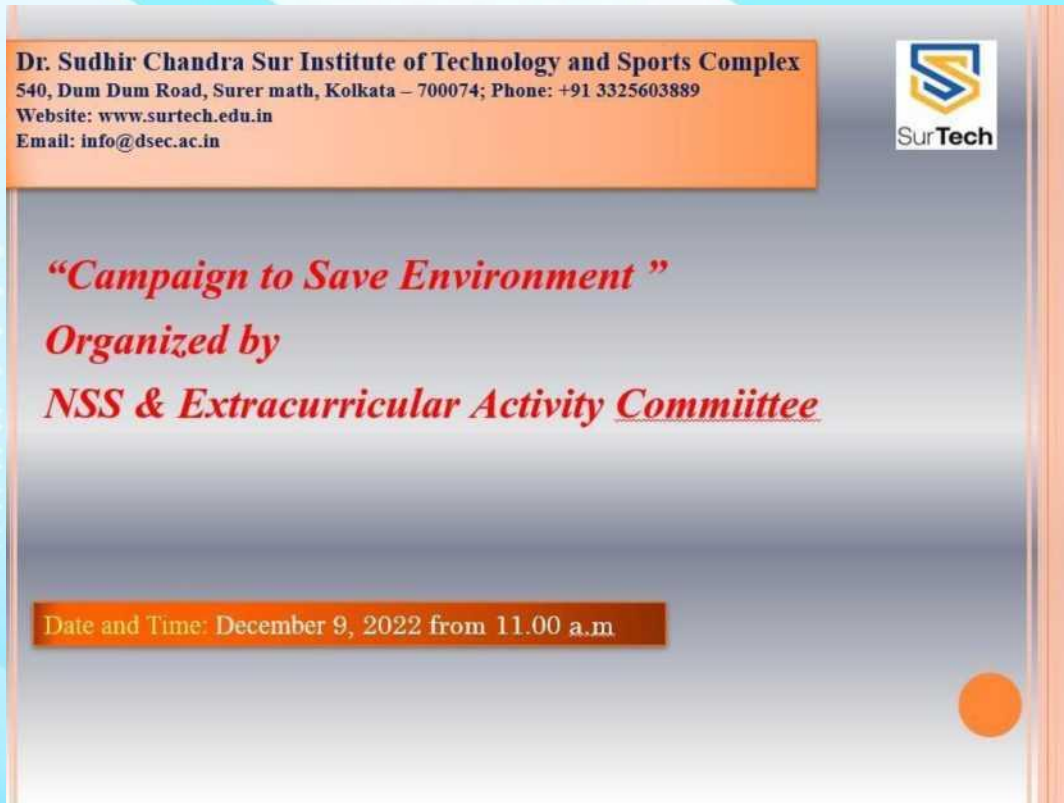


SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Banner of the Campaign to Save Environment held on 9th December 2022



Glimpse of Campaign to Save Environment on 9th December 2022 at Dumdum Road



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Awareness Program on "Beti Bachao Beti Padhao" Organized by NSS and Extra Curricular Activities Committee

Date- 22nd September, 2022 **Time:** 03.00 PM

Venue: Sri Ramkrishna Balika Vidyashram **No of Participants:** 25

Objective: To raise public awareness of the importance of educating all girls for the benefit of their future.

On September 22, 2022, the students of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, in collaboration with our NSS and Extra Curricular Committee, arranged an event titled "Beti Bachao Beti Padhao" as part of the Gender Awareness plan. The purpose of this event was to raise awareness among our students and the general public. The Indian government launched the "Beti Bachao, Beti Padhao" campaign with the goal of inspiring the country to support girls' education, both from their parents and the wider community.

The continuing epidemic crisis necessitated conducting the activity virtually. The first address of the session focused on the potential of girls and how they should be cared for in the context of education.

Students presented a cultural program with the topic "Every Girl Child Has the Right to Education." A few students have also talked about how difficult it has been for them to pursue further education in order to fulfill their ambitions.

Students participated in a variety of write-up competitions and were awarded certificates of recognition for their efforts. The initiative continued to be effective and motivated the participants to take on additional responsibility for educating girls in their communities.

Name of event	Coordinator	Number of participants
Awareness program on "Beti Bachao & Beti Padhao"	Ms. Debasmita Manna	25



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889

Website: www.surtech.edu.in

Email: info@dsec.ac.in

Awareness Program on "Beti Bachao Beti Padhao"

Organized by

NSS & Extracurricular Activity Committee

22nd September 2022 from 03.00 p.m

Banner of Awareness Program on Beti Bachao Beti Padhao on 22nd September 2022



Glimpse of Awareness Program on Beti Bachao Beti Padhao on 22nd September 2022
At Sri Ramkrishna Balika Vidyashram



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

Campaign on National Pollution Control Day Organized by NSS and Extra Curricular Activities Committee

Date: 2nd December 2021

Time: 10.00 AM

Venue: Dum Dum Road and municipality area **No**

of Participants: 40

Objective: The program's objective was to raise public awareness of the harmful effects that pollution has on society and its citizens as well as the actions that should be taken to reduce pollution in all its forms.

As part of the Environmental Awareness program, the Department of Automobile Engineering, NSS, and Extracurricular Committee of the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex observe National Pollution Control Day on December 2 by creating posters to raise awareness of pollution control.

National Pollution Prevention Day is celebrated on December 2nd in remembrance of the those who perished in the 1984 Bhopal Gas Disaster. The purpose of this day is to raise awareness of the need of protecting our natural resources. Additionally, it increases knowledge of ways to stop pollution brought on by human carelessness and the emission of industrial waste.

In order to raise awareness, our students created posters explaining how planting trees and utilizing renewable energy sources may help reduce pollution. As students in the department of automobile engineering, they were eager to demonstrate the newest innovations in electric and hybrid vehicle technology in an effort to reduce pollution.

Instructors made the pupils aware of the terrible effects of environmental pollution, its current state, and various strategies for reducing and controlling air pollution. Through awarenessraising campaigns, the students commemorated this day by calling on society to "GO GREEN" and establish a clean, pollution-free environment that promotes health. The children in their virtual classrooms watched a brief but educational film about the causes of pollution and strategies for reducing it, in addition to the inspirational posters and colouring pages they created.

Pupils enthusiastically and actively engaged, pledging to protect the environment for future generations as well as for themselves.

Name of event	Coordinator	Number of participants
Campaign on National Pollution Control Day	Ms. Debasmita Manna Mr. Shankha Ghosh	40



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Banner of Campaign on National Pollution Control on 2nd December 2022



Photo of Campaign on National Pollution Control on 2nd December 2022 at Dum Dum Road and municipality area



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

Blood Donation Camp Organized by NSS and Extra Curricular Activities Committee

Date: 18th August 2022 **Time:** 11.00 AM **Venue:** Lion's Club **No of Participants:** 80

Objective: The aim of this endeavor was to motivate individuals to freely give blood in order to save lives during emergencies and times of need.

With great pleasure, we would like to notify you that on August 18, 2022, the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex Extracurricular and NSS Committee members, along with students, organized a "Blood Donation Camp" under the Health Awareness scheme to assist those who would otherwise find it difficult to obtain blood in an emergency. The NSS team arranged the camp to assist the general public as well as those suffering from thalassemia. Principal Sir gave blood to start the camp. Students from the institute's various streams also took part in the program.

Staff members and other officials took part in this event in addition to the pupils. The government thalassemia hospital at the R.G. KAR Hospital was to receive the blood collected from this camp. Refreshments were provided for blood donors at the camp by the NSS crew. A small gift hamper and certificates were handed to students and other participants in the blood donation camp.

Five doctors were assigned to oversee the entire procedure and take blood samples. In addition, the institute had set up a resting room in case blood donors felt lightheaded or unwell. Additionally, volunteers from a nearby club arrived to assist the institute in setting up the blood donation camp. Following the blood donation, the principal expressed gratitude to each and every person in the camp. The National Anthem and a sincere vote of gratitude from the college principal marked the end of the day.

The campaign's motto is "Donate Blood & Save Lives." The initiative proved to be successful, and at its conclusion, a commitment was made to periodically rearrange the camp in order to disperse blood to various groups, so mitigating the scarcity of blood during emergencies.

Name of event	Coordinator	Number of participants
Blood Donation Camp	Ms. Debasmita Manna	80



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex

540, Dum Dum Road, Surer math, Kolkata –
700074; Phone: +91 3325603889

Website: www.dsec.ac.in

Email: info@dsec.ac.in



“BLOOD DONATION CAMP”

**Organized by
NSS & Extracurricular Activity Committee**

Date : 18th August 2022, Time 11:00 AM

Banner of Blood Donation Camp held on 18th August 2022



Photo of blood donation camp on 18th August 2022 at Lion's Club



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Health Checkup Camp Organized by NSS and Extra Curricular

Activities Committee

Date- 13th August 2022

Time: 11:30 AM **Venue:**

Mathkol Slum Area **No. of**

Participants: 70

Objective: To raise people's awareness of the need of eating a nutritious diet.

In order to raise public awareness of the importance of eating a healthy diet to stay fit, the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex students, in partnership with the NSS and Extracurricular Activities Committee, arranged a "Health check-up Camp" on August 13, 2022.

Obesity, diabetes, and excessive pressure can all lead to diabetes, which is harmful to one's health. As a result, this camp has started programs to inform people about the precautions they should take to avoid developing diabetes, high blood pressure, obesity, and other health problems.

A panel of medical professionals from a local private nursing home was invited by the NSS team to assess participants' blood sugar levels, review their meal plans, and take blood pressure readings from program participants. Consequently, individuals who were diagnosed with hypertension, diabetes, or obesity received recommendations for medications and instructions.

Name of event	Coordinator	Number of participants
Health Check-Up Camp	Ms. Debasmita Manna	70



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889

Website: www.surtech.edu.in

Email: info@dsec.ac.in

Health Checkup Camp Organized by NSS & Extracurricular Activity Committee

August 13th 2022, from 11.30 AM

Banner of the Health Check up Camp held on 13th August 2022



Photo of Health Check up Camp held on 13th August 2022 at Mathkol Slum Area



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Workshop on Self Defense for Women Organized by NSS and Extra Curricular Activities Committee

Date: 7th September 2022

Time: 03.00 PM

Venue: Seishinkai Shito Ryu Sports Karate Do Academy

No of Participants: 70

Objective: The camp's main goal was to disseminate the idea that safety comes first when it comes to self-defense.

We are happy to notify you that on September 7, 2022, at our college in Campus, there will be a workshop on self-defense for women hosted by Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in association with Karate Do Academy of Bengal, a division of Seishinkai Shito Ryu Sports Karate Do Academy.

Self-defense instruction helps you defend others as well as yourself. You gain emotional and physical fitness from the workout. Being able to defend oneself makes you feel more confident and good about yourself. These and other advantages strengthen the case for learning self-defense.

In addition to students, faculty, staff, alumni, and some adolescent women from the neighborhood, about 70 women were included in this session led by Shihan Mithun Saha and Shihandai Shahnewaz Hussain and his team.

The participants found the workshop to be very beneficial. In the workshop, a few simple tricks were demonstrated.

The camp's main goal was to disseminate the idea that safety comes first when it comes to self-defense so that women may defend themselves against inappropriate situations. Furthermore, nothing is more empowering than possessing the self-assurance to assess a risky circumstance and take appropriate action to avoid it.

Name of event	Coordinator	Number of participants
Workshop on Self Defence for Women	Ms. Debasmita Manna	70



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889

Website: www.dsec.ac.in

Email: info@dsec.ac.in



“Workshop on Self Defence for Women”

**Organized by
NSS & Extracurricular Activity Committee**

Date : 7th September 2022, Time 03:00 PM

Banner of Workshop on Self Defense for Women on 7th September 2022



Photo of Workshop on Self Defense for Women on 7th September 2022 At
Seishinkai Shito Ryu Sports Karate Do Academy



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Free Eye Checkup Camp Organized by NSS and Extra Curricular Activities Committee

Date: 21st September 2022

Time: 02.30 PM **Venue:**

Lion's club **No of**

Participants: 50

Objective: Access to quality eye care services is a fundamental aspect of public health.

Accessibility and Affordability:

Free eye checkup camps break down financial barriers to eye care, ensuring that individuals from underserved communities can access essential vision screening services without bearing any financial burden. By eliminating cost barriers, these camps make eye care services accessible to economically disadvantaged populations who may otherwise forgo essential checkups due to financial constraints.

Early Detection and Prevention:

Regular eye checkups are crucial for the early detection and prevention of vision-related ailments such as refractive errors, cataracts, glaucoma, and diabetic retinopathy. Free eye checkup camps facilitate early diagnosis by providing comprehensive screenings, enabling healthcare professionals to identify potential eye health issues in their nascent stages and initiate timely interventions to prevent further progression.

Education and Awareness:

Beyond offering screenings, free eye checkup camps serve as platforms for raising awareness about the importance of eye health and preventive measures. Through interactive sessions and educational materials, participants learn about proper eye care practices, the significance of regular checkups, and the importance of seeking timely treatment for vision-related conditions. This awareness empowers individuals to prioritize their eye health and take proactive measures to safeguard their vision.

Community Engagement and Empowerment:

Free eye checkup camps foster community engagement by bringing together healthcare providers, volunteers, and local residents in a collaborative effort to promote vision care. By actively involving community members in the planning and implementation process, these camps empower individuals to take ownership of their health and advocate for the prioritization of eye care within their communities.

Name of event	Coordinator	Number of participants
Free eye checkup camp	Ms. Debasmita Manna	50



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in



Free Eye Checkup Camp

Organized by
NSS & Extracurricular Activity Committee

21st September 2022, from 2.30 PM



Banner of Free Eye Checkup Camp Held on 21st September 2022



Photo of Free Eye Checkup Camp on 21st September 2022 at Lion's club



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

Food Distribution Organized by NSS and Extra Curricular Activities Committee

Date: 27th September 2022 **Time:** 12.00 PM

Venue: DumDum Hanuman Mandir Area **No of Participants:**

50

Objective: Nobility and responsibility towards the society

This noble thought of Swami Vivekananda inspires everybody to contribute towards the wellbeing of the world. Apparently in our journey of helping world, we really help ourselves, because it is not the receiver that is blessed, but it is the giver. These thoughts motivated to organize Cloth and Food distribution program by the Extra Curricular and NSS Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. Eventually this noble thought got dimensions and got executed on 27th September, 2022.

The students, faculty and staff members distributed the garments and foods at DumDum Hanuman Mandir surrounding slum area to share the happiness.

With the motto: The contentment and pleasure attained by one through helping the less fortunate is the greatest achievement we could ever have in our life.

Name of event	Coordinator	Number of participants
Food Distribution	Ms. Debasmita Manna	50



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889

Website: www.dsec.ac.in

Email: info@dsec.ac.in

“FOOD DISTRIBUTION”

Organized by NSS & Extracurricular Activity Committee

Date : 27th September 2022, **Time 12:00 PM**

Banner of the Food Distribution held on 27th September 2022



Photo of Food Distribution held on 27th September 2022 at DumDum Hanuman Mandir Area



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

World Kindness Day- Cloth Distribution Organized by NSS and Extra Curricular Activities Committee

Date: 13th November 2022 **Time:** 12.00 PM **Venue:** Dakshineswar Slum Area **No of Participants:** 55

Objective: When you are kind to others, it not only changes you, it changes the World.

World Kindness Day is an international holiday that was formed in 1998, to promote kindness throughout the world and is observed annually on November 13 as part of the World Kindness Movement. World Kindness Day presents us with the opportunity to reflect upon one of the most important and unifying human principles. On a day devoted to the positive potential of both large and small acts of kindness, try to promote and diffuse this crucial quality that brings people of every kind together.

The NSS and Extra Curricular Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex arranged a Cloth Distribution event to observe World Kindness Day at a nearby slum area.

The students, faculty members and other members of SurTech participated enthusiastically. They interacted with the people and distributed Winter Cloth materials, Quilt etc. to share kindness to each other.

The students spread the message that Kindness is an act of a human being that comes from within. One behaves with another person irrespective of his or her class, caste and gender, then towards tender animals or living beings with a feeling of warmth, care and affection. Kindness brings positivity within a person. It removes all the negativity. Kindness fills a person's heart with love and compassion.

Name of event	Coordinator	Number of participants
World kindness Day- cloth distribution	Ms. Debasmita Manna	55



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889

Website: www.surtech.edu.in

Email: info@dsec.ac.in

WORLD KINDNESS DAY- CLOTH DISTRIBUTION

***ORGANIZED BY
NSS & EXTRACURRICULAR ACTIVITY COMMITTEE***

14th of November , 2022, from 12.00 PM

Banner of World Kindness Day- Cloth Distribution on 13th November 2022



Photo of World Kindness Day- Cloth Distribution on 13th November 2022 at Dakshineswar Slum Area



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

Children's Day- Food Distribution Organized by NSS and Extra Curricular Activities Committee

Date: 14th November 2022 **Time:** 10.00 AM

Venue: Ariadah ManiKuntala Balika Vidyalaya **No of Participants:** 30

Objective: Children are the flowers from heaven. Let's make this world a safe and enjoyable place for them
Happy Children's Day!

India celebrates Children's Day on November 14 to commemorate the birth anniversary of the first Prime Minister of India Pandit Jawaharlal

Nehru. This day marks the 133rd birth anniversary of Pandit Nehru. Nehru believed that children were a nation's real strength and foundation of society. He believed "The children of today will make the India of tomorrow. The way we bring them up will determine the future of the country".

The NSS and Extra Curricular Committee of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex visited the charitable school -Ariadah ManiKuntala Balika Vidyalaya, Adyapeath to observe Children's Day on 14th November, 2022.

The students, faculty members and other members of SurTech visited Adyapeath Balika Ashram. They interacted with the children and distributed food packets, Study materials, toys etc. They spent time with the innocent children and in return received their translucent smile. The motto of the event was to care for our future. Our Society should remember that, Child is a miracle with each having their own ways that make this world a beautiful place for us.

Name of event	Coordinator	Number of participants
Children's Day- Food Distribution	Prof. Debasmita Manna	30



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889
Website: www.surtech.edu.in
Email: info@dsec.ac.in



“Children’s day – Food Distribution ”

Organized by

NSS & Extracurricular Activity Committee

Date and Time: November 14, 2022 from 10.00 a.m

Banner of Children’s Day- Food Distribution on 14th November 2022



Glimpse of Children’s Day- Food Distribution on 14th November 2022 at Ariadah ManiKuntala Balika Vidyalaya



Sur**Tech**

Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex

Annual Report on NCC Activities



Academic Year (2022 — 2023)

Message from NCC Co-Ordinator



Mr. Sourav Kumar Singha

Dear Students, Faculty, Staff, and Well-Wishers,

As the NCC Coordinator of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, it is my privilege to share our reflections on another successful year in the National Cadet Corps program. Our NCC unit has continued to foster discipline, leadership, and a sense of service among our cadets, preparing them not only for future challenges but also instilling in them the values of patriotism and community engagement.

This year, our cadets participated in various activities, including training camps, social service initiatives, and community outreach programs. These experiences have not only enhanced their skills but also strengthened their commitment to serving our nation and society. The enthusiasm and dedication displayed by our cadets have been truly commendable, and I am proud of their achievements.

I would like to extend my sincere gratitude to the faculty and staff for their unwavering support, which has been instrumental in facilitating our programs. Your encouragement helps create an environment where our cadets can thrive and realize their potential.

Looking ahead, we are excited to continue our journey, exploring new opportunities for training and community service. Together, we will strive to nurture responsible citizens who are ready to take on the challenges of tomorrow.

Thank you for your continued support and dedication to the NCC. Here's to another year of growth, service, and camaraderie!

Warm regards,

Sourav Kumar Singha

Assistant Professor, Department of CE



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in



National Cadet Corps

AIM OF NCC

The 'Aims' of the NCC laid out in 1988 have stood the test of time and continue to meet the requirements expected of it in the current socio-economic scenario of the country. The NCC aims at developing character, comradeship, discipline, a secular outlook, the spirit.

PLEDGE

We the cadets of the National Cadet Corps, do solemnly pledge that we shall always uphold the unity of India.

We resolve to be disciplined and responsible citizens of our nation.

We shall undertake positive community service in the spirit of selflessness and concern for our fellow beings.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

CORE VALUES

The NCC is a responsive, learning, and continuously evolving organization. Its activities are guided by certain **Core Values** that we endeavour to instill among all ranks of the NCC.

These include the following:

- a. A sense of patriotic commitment to encourage cadets to contribute to national development.
- b. Respect for diversities in religion, language, culture, ethnicity, life style and habitat to instill a sense of National unity and social cohesion.
- c. Abiding commitment to learn and adhere to the norms and values enshrined in the Indian Constitution.
- d. Understanding the value of a just and impartial exercise of authority.
- e. Ability to participate in community development and other social programme.
- f. A healthy life style free of substance abuse and other unhealthy practices.
- g. Sensitivity to the needs of poor and socially disadvantaged fellow citizens.
- h. Inculcating habits of restraint and self-awareness.
- i. Understanding the values of honesty, truthfulness, self-sacrifice, perseverance and hard work.
- j. Respect for knowledge, wisdom and the power of ideas.



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

Sl.No	NCC Activities (2022-23)
1	Republic Day 2023 Celebration
2	CATC - 07 CAMP
3	Farewell Program by SURTECH NCC Cadets for Training JCO 2(B) Bn.
4	CATC - 26 CAMP
5	Celebration of 25 Yrs of Pokhran Second Nuclear Test 2023



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Republic Day 2023 Celebration

On **26th January 2023**, the **NCC cadets of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SURTECH)** proudly participated in the **Republic Day 2023 celebrations**. The event was marked by patriotic fervor, as the cadets showcased their dedication and discipline through a series of ceremonial activities, including **parade marching** and **flag hoisting**.

Flag Hoisting Ceremony

The celebration began with the **hoisting of the Indian national flag**, which was performed with great respect and reverence. The cadets, faculty members, and students gathered to honor the occasion, symbolizing India's sovereignty and democratic values. The flag hoisting ceremony was led by a senior official or faculty member, while the cadets saluted the national flag in perfect coordination, reflecting their commitment to the nation.

As the **Tricolor** was unfurled, the **National Anthem** was sung by all in attendance, filling the atmosphere with a deep sense of patriotism and unity. The ceremony served as a reminder of the sacrifices made by freedom fighters and the importance of upholding the Constitution of India.

Parade Marching

A key highlight of the Republic Day celebration was the **parade march** performed by the **SURTECH NCC cadets**. The cadets, dressed in their crisp NCC uniforms, marched in perfect synchrony, demonstrating their discipline, training, and teamwork. The parade was a symbol of the cadets' dedication to national service and their readiness to serve the country when needed.

- The **cadets' precision marching** was highly appreciated by the audience, which included faculty, students, and special guests.
- The parade not only displayed the physical fitness and coordination of the cadets but also their commitment to the ideals of the **National Cadet Corps (NCC)**, which focuses on character-building, leadership, and service to the nation.

Conclusion

The **Republic Day 2023 celebrations** at SURTECH were a grand success, with the **NCC cadets** playing a prominent role in making the event meaningful and inspiring. Through the **flag hoisting ceremony** and **parade marching**, the cadets exemplified their respect for the nation's values, heritage, and the Constitution. The event reinforced the spirit of patriotism among the students and faculty and reminded everyone of their duty towards the nation.



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Some Glimpse:





SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



GPS Map Camera



South Dum Dum, West Bengal, India

540, Dum Dum Rd, Surer Math, Melabagan Estate, Basak Bagan, South Dum Dum, West Bengal 700074, India

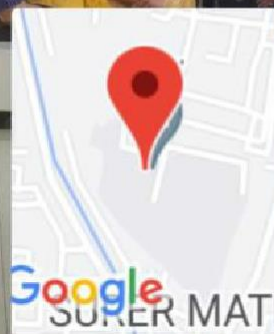
Lat 22.618686°

Long 88.405083°

26/01/23 10:56 AM GMT +05:30



GPS Map Camera



South Dum Dum, West Bengal, India

540, Dum Dum Rd, Surer Math, Melabagan Estate, Basak Bagan, South Dum Dum, West Bengal 700074, India

Lat 22.618636°

Long 88.404946°

26/01/23 10:59 AM GMT +05:30



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

CATC - 07 CAMP

From **28th January to 4th February 2023**, ten cadets from **Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SURTECH)** participated in the **Combined Annual Training Camp (CATC-KB-07)** organized by their battalion. This camp was a significant opportunity for the cadets to enhance their skills, discipline, and understanding of military training under the **National Cadet Corps (NCC)** program.

Purpose of CATC-07

The **Combined Annual Training Camp (CATC)** is an essential component of NCC training, designed to:

- Provide cadets with practical military experience and exposure to various training activities.
- Develop their leadership qualities, teamwork, and discipline.
- Prepare them for upcoming NCC examinations and certifications, including the "B" and "C" certificate exams.

Details of Participation

During the **CATC-KB-07 Camp**, the **ten cadets** from **SURTECH** engaged in a variety of activities aimed at honing their skills and fostering a spirit of camaraderie. The camp lasted for eight days, during which the cadets participated in rigorous training programs that included both physical and theoretical aspects of military training.

Activities at the CATC-07 Camp

1. Drill and Marching Practice:

- The cadets participated in extensive **drill practice**, focusing on marching techniques, saluting, and maintaining discipline during parades. This practice is crucial for instilling a sense of order and precision, essential qualities for any NCC cadet.

2. Physical Training:

- The camp included a comprehensive **physical training regimen**, which featured exercises aimed at enhancing endurance, strength, and agility. Physical fitness is a core aspect of NCC training, preparing cadets for both military tasks and overall health.

3. Weapon Handling and Safety:

- Cadets received training in **weapon handling**, emphasizing the importance of safety, responsibility, and proper techniques for using firearms. Understanding weaponry is essential for any future roles within the armed forces.

4. Field Craft and Survival Skills:

- The camp provided training in **field craft**, where cadets learned essential survival skills such as navigation, map reading, and camouflage techniques.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

These skills are critical for cadets, preparing them for real-life situations in the field.

5. Leadership Development:

- Activities were designed to foster leadership qualities among the cadets. They engaged in **team-building exercises** that required cooperation, communication, and strategic planning, which are vital for future leaders in any capacity.

6. Cultural and Social Awareness:

- The camp also included discussions and activities focused on **national integration, social responsibility**, and current issues affecting society. This aspect aimed to cultivate a sense of duty and awareness among the cadets regarding their role as responsible citizens.

Impact on SURTECH Cadets

The **CATC-KB-07 Camp** provided significant learning experiences for the participating cadets:

- They developed essential skills in discipline, teamwork, and leadership.
- The physical training improved their fitness levels and stamina.
- Exposure to military training enhanced their understanding of defense mechanisms and responsibilities.
- The camaraderie built during the camp fostered lasting friendships and a sense of belonging among the cadets.

Conclusion

The participation of **SURTECH NCC cadets** in the **CATC-KB-07 Camp** from **28th January to 4th February 2023** was an important milestone in their NCC journey. The camp offered valuable training and experiences that not only prepared them for upcoming NCC certifications but also contributed to their overall development as disciplined, responsible, and capable individuals. Through this camp, the cadets gained skills and knowledge that will serve them well in their future endeavors, both within the NCC framework and in their personal lives.

SENIOR DIVISION			
Sl. No.	StudentName	REGIMENTAL NO	Email ID
1	BIPRAJIT BAISHYA	WB2022SDA106413	biplabbaishya234@gmail.com
2	Abhirup Ray	WB2022SDA106401	abhirupray0103@gmail.com
3	Rajdeepa Dey	WB2022SDA106419	Rajdeeptadey@gmail.com
4	Sayan Mondal	WB2022SDA106421	sayanmondal619@gmail.com
5	Animesh Sarkar	WB2022SDA106406	animeshsarkar544@gmail.com
6	Irfan Mallick	WB2022SDA106416	mrimallick008@gmail.com

Figure 1 Sample Certificate



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

7	Bhaskar Sarkar	WB2022SDA106412	skbhasu5@gmail.com
8	Sushant Nayak	WB2022SDA106428	sushantn172@gmail.com

SENIOR WING

Sl. No.	StudentName	REGIMENTAL NO	Email ID
1	Tafsira Anjum	WB2022SWA106411	anjumtafsira@gmail.com
2	Piyali Mahishya Das	WB2022SWA106405	piyalidaxz646@gmail.com

Some Glimpse:





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email: info@dsec.ac.in





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Farewell Program by SURTECH NCC Cadets for Training JCO 2(B) Bn.

On 3rd March 2023, the NCC cadets of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SURTECH) organized a heartfelt **farewell program** for the **Training Junior Commissioned Officer (JCO) of the 2nd Bengal Battalion (2B BN)**. The event took place in **Room No. 220** of the institute, and it was a significant moment for the cadets as they expressed their gratitude and appreciation for the JCO's guidance and mentorship during their training.

Purpose of the Farewell Program

The **farewell program** was organized to honor and bid a respectful goodbye to the Training JCO, who had played a pivotal role in shaping the cadets' training experiences. Over the course of his tenure, the JCO had been responsible for imparting crucial skills, leadership qualities, and discipline to the cadets, helping them grow as individuals and instilling in them a strong sense of duty and responsibility toward the nation.

Program Highlights

1. Speeches and Acknowledgments:

- The cadets and faculty members delivered speeches to express their heartfelt appreciation for the JCO. They recounted memories and shared how his guidance had positively influenced their development, not only as cadets but also as future leaders.
- The JCO's contributions to the **National Cadet Corps (NCC)** program at SURTECH were highlighted, including his role in teaching drill, discipline, physical fitness, and combat readiness to the cadets.

2. Presentation of Mementos:

- As a token of gratitude, the cadets presented the JCO with a **memento**, symbolizing their appreciation for his unwavering support and mentorship throughout his time with the battalion. The gesture was met with warm smiles and a sense of mutual respect between the cadets and their trainer.

3. Cultural Performances:

- The cadets organized short **cultural performances**, including songs and skits, to lighten the mood and make the farewell event memorable. These performances reflected the camaraderie between the cadets and the JCO, showcasing their collective experiences and shared moments during training.

4. Interaction and Words of Wisdom:

- The JCO, in his farewell address, shared words of wisdom and encouraged the cadets to continue striving for excellence in their NCC journey and beyond. He reminded them of the importance of discipline, dedication, and teamwork in all aspects of life.
- The cadets had the opportunity to interact with him informally, asking questions and seeking advice for their future NCC and career endeavors.



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Significance of the Event

The farewell program was a momentous occasion for the cadets, as it allowed them to reflect on the values they had learned under the JCO's leadership. The event symbolized the deep bond between the cadets and their trainer and highlighted the positive impact of **NCC training** on shaping responsible and disciplined individuals.

For the **Training JCO**, the farewell was a moment of pride and fulfillment, knowing that his efforts had contributed to the growth and success of the cadets.

Conclusion

The **Farewell Program** organized by the **SURTECH NCC cadets** for the **Training JCO of 2(B) Battalion** on **3rd March 2023** was a fitting tribute to a mentor who had played an instrumental role in their development. The event was marked by speeches, cultural performances, and expressions of gratitude, creating lasting memories for both the cadets and the JCO. The farewell was a testament to the strong sense of camaraderie, discipline, and respect fostered within the **NCC training environment** at SURTECH.

Some Glimpses



**SurTech****Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex****(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email: info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

CATC - 26 CAMP

From **31st March to 7th April 2023**, thirteen cadets from **Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SURTECH)** actively participated in the **Combined Annual Training Camp (CATC KB-26)**. This camp, organized by the battalion, was a crucial part of the cadets' training under the **National Cadet Corps (NCC)** program, providing them with practical experience, skill-building opportunities, and military-style discipline.

Purpose of CATC-26

The **Combined Annual Training Camp (CATC)** is an essential component of NCC training, designed to:

- Develop cadets' leadership skills, teamwork, and discipline.
- Provide them with practical training in drills, physical fitness, and military tactics.
- Enhance their understanding of national security and defense mechanisms.
- Prepare them for NCC examinations and certifications, such as the "B" and "C" certificate exams.

Details of Participation

A total of **thirteen cadets** from **SURTECH** participated in the **CATC KB-26** camp, which ran for eight days. During this time, the cadets were exposed to a variety of challenging activities aimed at enhancing their mental and physical abilities. These cadets demonstrated their commitment to personal and national development by taking part in rigorous training and camp activities.

Activities at the CATC-26 Camp

1. Drill and Parade Practice:

- The cadets engaged in intensive **drill training**, which included practicing marching, saluting, and performing parade formations. Drill training is vital for instilling discipline and ensuring uniformity in movements, as well as preparing cadets for ceremonial duties.

2. Weapon Training:

- Cadets received hands-on experience with **basic weapons training**, where they learned how to handle rifles safely, aim, and follow military protocols. This training emphasized the importance of focus, precision, and responsibility in handling arms.

3. Physical Fitness Regimen:

- The camp included daily physical fitness routines, such as endurance running, strength exercises, and agility drills, aimed at improving the cadets' stamina and overall health. Physical fitness is a core component of NCC training, as it prepares cadets for both military and non-military challenges.

4. Field Craft and Battle Tactics:



SurTech

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

- As part of their military-style training, cadets were introduced to **field craft techniques** and basic **battle tactics**. These sessions covered essential survival skills, camouflage, map reading, and how to move tactically in the field under combat-like conditions.

5. Leadership and Team-Building Exercises:

- Leadership training was an important part of the camp. The cadets participated in **team-building activities** and simulated exercises that required coordination, problem-solving, and decision-making, thus honing their leadership and teamwork skills.

6. Cultural and Social Awareness Programs:

- Apart from the physical and military aspects, the camp also included sessions on **national integration, social responsibility**, and awareness programs on issues such as **environmental conservation** and **public health**. These sessions aimed at developing socially responsible citizens.

Impact on SURTECH Cadets

The **CATC KB-26 Camp** was a valuable learning experience for the cadets, helping them:

- Develop a stronger sense of discipline and responsibility.
- Improve their physical fitness and mental endurance.
- Gain practical knowledge in military drills, weapon handling, and survival tactics.
- Enhance their leadership abilities and learn the importance of teamwork.

Conclusion

The participation of **SURTECH NCC cadets** in the **CATC KB-26 Camp** from **31st March to 7th April 2023** was a significant milestone in their NCC journey. The camp provided them with vital training, exposure to military life, and opportunities to grow as disciplined, responsible, and capable citizens. Through this camp, the cadets gained skills that will not only serve them within the NCC framework but also in their broader personal and professional lives.



Figure 2 Sample Certificate

Some Glimpse:



**SurTech****Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex****(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone: +91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in

Celebration of 25 Yrs of Pokhran Second Nuclear Test 2023

On 12th May 2023, the NCC cadets of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SURTECH) participated in the celebration marking the 25th anniversary of the Pokhran Second Nuclear Test. The event was organized at the Birla Industrial & Technological Museum (BITM) in Kolkata, commemorating one of India's most significant achievements in its journey toward becoming a nuclear power.

Significance of the Pokhran Second Nuclear Test

The Pokhran-II Nuclear Tests, conducted on 11th and 13th May 1998, were a series of five underground nuclear explosions carried out by India at the Pokhran Test Range in Rajasthan. This event established India as a nuclear state, showcasing its capabilities in both nuclear weaponry and peaceful nuclear energy applications. The 25-year celebration in 2023 was a moment to reflect on the technological advancements, scientific accomplishments, and strategic importance of these tests in India's defense and geopolitical stance.

Participation of SURTECH NCC Cadets

The SURTECH NCC cadets actively took part in this event, which was organized to inspire young minds and raise awareness about India's scientific achievements. Their participation involved:

1. Educational Sessions and Exhibits:

- The cadets attended various educational sessions at BITM, where eminent scientists and defense experts discussed the technical and historical significance of the Pokhran-II tests.
- Exhibits displayed models and visuals that illustrated the processes involved in the nuclear tests, the technologies used, and their impact on India's strategic defense posture.

2. Lectures by Experts:

- The cadets had the opportunity to listen to renowned nuclear scientists and defense personnel who shared firsthand insights about the nuclear tests, the challenges faced by Indian scientists, and the determination that led to the success of the tests despite international pressure and sanctions.
- These lectures offered an understanding of the strategic implications of the tests on global diplomacy and India's position in the international arena.

3. Interactive Sessions:

- The cadets also participated in interactive Q&A sessions, where they engaged with experts to learn about nuclear science, its peaceful applications in energy generation, and the importance of maintaining nuclear deterrence for national security.

4. Cultural and Patriotic Activities:



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22 25603889, 25603898, 65330375 Website: www.surtech.edu.in ; Email- info@dsec.ac.in

- As part of the celebrations, cadets took part in patriotic programs that honored the contributions of Indian scientists and defense forces. The cultural performances paid tribute to India's self-reliance and technological prowess.

Impact and Learning for Cadets

The participation in the **25th anniversary of the Pokhran Second Nuclear Test** celebration provided the cadets with a deeper appreciation of India's scientific and military achievements. Key takeaways for the cadets included:

- Understanding the strategic importance of nuclear deterrence in maintaining national security.
- Learning about the technological advancements in nuclear science and how they contribute to India's energy and defense sectors.
- Developing a sense of pride in India's accomplishments and its ability to overcome international challenges to achieve technological self-sufficiency.

Conclusion

The **celebration of 25 years of the Pokhran Second Nuclear Test** at the **Birla Industrial & Technological Museum** was a significant event for the **SURTECH NCC cadets**. Their active participation allowed them to learn about one of the most important milestones in India's defense history. The event not only fostered a sense of pride in the country's achievements but also inspired the cadets to appreciate the role of science, technology, and strategic defense in building a strong and self-reliant nation.



**SurTech****Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex****(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)**

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Phone:+91 22

25603889, 25603898, 65330375 Website: www.surtech.edu.in; Email- info@dsec.ac.in



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

ANNUAL ACTIVITIES OF **STUDENTS' CLUBS**

2022-2023



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Index

Sl. No	Content
1	Formation of The Clubs
2	List of Clubs
3	Member List of Clubs
4	Science and Technology Club
5	Robotics Club
6	Nirman Club
7	Mathematics Club
8	Coding Club
9	Art and Craft Designing Club
10	Photography Club
11	Cultural Club (Dance, Music and Singing)
12	Quiz and Debate Club
13	Documentary and Drama Club
14	Biosystems and Environmental Club
15	(Community Connect) NSS Club
16	Literary Club
17	Yoga and Meditation Club
18	Sports Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Formation of the Clubs of

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

The Student Clubs at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex are established to provide a structured platform for students to pursue their interests, develop skills, and contribute to the campus community. The formation of these clubs is overseen by the faculties to ensure alignment with the Institute's values and objectives. A group of faculties and students constitute a club that focuses on a specific area such as academics, culture, sports, or social service.

The significance of student clubs lies in their role in fostering a vibrant campus life, promoting leadership and teamwork, and enhancing students' overall educational experience. Through active participation in clubs and with the help of the faculties, students gain practical experience, build networks, and develop a sense of responsibility and belonging, all of which are essential for personal and professional growth.

These clubs also play a crucial role in extending the Institute's involvement to the broader community, thereby reinforcing the values of civic engagement and service.

Purpose

1. To act as the official forum for students and faculties to discuss and address student activities, concerns, and opinions related to the Institute.
2. To ensure that student clubs are self-sufficient in ideation and implementation of various events, service projects, and other student-led initiatives.
3. To provide opportunities for students to develop leadership, communication, and organizational skills through active participation in club activities and decision-making processes.
4. To motivate and support students in achieving academic success while promoting involvement in extracurricular activities that contribute to their holistic development.
5. To extend the involvement of students in community and parish activities, fostering innovation, entrepreneurial ventures, civic responsibility and strengthening ties between the faculties and students as well as Institute and the broader community.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Qualification and Responsibilities of Convenor

1. Faculties of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex are supposed to hold the position of the convener of different clubs.
2. The convenor is responsible for the overall administration and management of their respective club, including planning, organizing, and executing club activities in alignment with the goals and objectives of the Council and the Institute.
3. The convenor is responsible for selecting club members.

Qualification and Duties of Members

1. Members must be registered as a student or as a faculty and staff at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex.
2. Members must be selected by the convenor of the club and that needs to be approved by the HOI.
3. Members must adhere to the Institute's code of conduct, displaying behaviour that reflects positively on the club and the institution.
4. Members are responsible for contributing ideas, skills, and efforts towards the planning and execution of club projects.
5. Members are expected to regularly attend and actively participate in club meetings, events, and activities, contributing to the club's goals and initiatives.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

List of Clubs:

Sl	Name of the Clubs	Objectives
1.	Science and Technology Club	To aware students about the recent development in Science and Technology over the world. To make the students inclined for the Science Affairs through various events such as Science Exhibition, Science Magazine.
2.	Robotics Club	To apply engineering concepts through robot building and programming. To enhance critical thinking by tackling robotics challenges. To inspire innovation through unique robotic projects. To foster collaboration on complex projects. To equip members with skills for future careers in robotics and technology
3	Nirman Club	To enhance students' knowledge and practical skills in civil engineering and construction through workshops, seminars, and hands-on projects. To encourage innovation and creativity in construction techniques and sustainable practices, motivating students to explore new ideas and solutions. To provide opportunities for students to engage with industry professionals, gain insights into the latest trends and technologies, and prepare for their future careers. To organize and support various construction-related projects and competitions, allowing students to apply theoretical knowledge in practical settings
4	Mathematics Club	To explore mathematics beyond textbooks and apply it in day-to-day situation To develop critical thinking and logical reasoning powers among the students. To develop co-operative spirit in group learning. To inculcate feeling of discovery and development.
5.	Coding Club	To develop members' coding abilities through practice and projects. To improve logical thinking by tackling coding challenges. To promote creativity in developing software and apps. To encourage teamwork on coding projects and hackathons. To equip members with skills for careers in software development and technology.
6.	Art and Craft Designing Club	To encourage students to explore their artistic talents and foster creativity in engineering students. To Provide opportunities for members to develop and refine their art and craft skill To create a sense of community and camaraderie among students with a shared interest in art and craft. To foster collaboration among members on various artistic projects and initiatives. To promote exposure to different art forms and styles to broaden artistic horizons. To organize art exhibitions, craft fairs, and workshops to showcase members' work and share it with the college community.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

7.	Photography Club	To enhance members' technical skills in photography, including composition, lighting, and editing. To provide a platform for members to express their creativity through photography. To teach the art of telling compelling stories through images. To encourage teamwork and idea-sharing among members through group projects and photo walks. To help members create a diverse portfolio of their work for personal and professional use.
8.	Cultural Club	To foster a vibrant and inclusive community by promoting cultural awareness, creativity, and expression among students and faculty. To celebrate diversity through various cultural activities, events, and performances that highlight the richness of different traditions, arts, and heritage. To enhance interpersonal skills, teamwork, and mutual respect, contributing to the holistic development of its members and the broader campus community.
9.	Quiz and Debate Club	To develop participants' ability to analyze and evaluate issues from multiple perspectives. To encourage communication and public speaking skills essential for academic and professional success. To promote teamwork and shared knowledge among students and teachers. To inspire a spirit of healthy competition through regular quizzes and debates. To broaden participants' understanding of diverse subjects and current events.
10.	Documentary and Drama Club	To raise awareness about important social and environmental issues through documentary screenings and discussions. To develop effective communication skills among members through acting, public speaking, and scriptwriting. To provide a platform for students to showcase their acting, directing, and filmmaking talents to the school and the community. Encourage critical thinking and analysis by examining the themes, messages, and techniques used in documentaries and dramas.

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

11	Biosystem and Environment Engineering Club	To Increase understanding of environmental issues and the importance of ecological balance. To encourage community participation in local and global environmental initiatives. To advocate for and participate in conservation projects to protect natural habitats and species. To provide learning experiences through workshops, lectures, and field trips on biosystems and ecology. To support and promote research in ecological and environmental sciences.
12.	Community Connect (NSS) Club	To encourage active participation in community service. To build leadership skills through social initiatives. To foster understanding and compassion for diverse communities. To inspire a commitment to volunteer work. To raise awareness of social issues and challenges.
13.	Literary Club	To unleash the creative potential of students and help them to come up with creative ideas. To engage them in different verbal and non-verbal activities adhering to the characteristics of the club. To develop their ideas and shape them into words or images showcasing their talents in different dimensions. To prepare the students for a clear and rational demonstration of their ideas while participating in interactive sessions. To involve students in different literary activities such as speech, debate, recitation, several forms of writing, art, sketch and painting.
14.	Yoga and Meditation Club	To Improve overall physical health and fitness through regular yoga practice, enhancing flexibility, strength, and balance. To Foster mental clarity and focus by integrating meditation practices that help reduce stress, anxiety, and mental fatigue. To Support emotional well-being by creating a space where members can explore and manage their emotions in a constructive way. To Create a supportive community where members can share their experiences, challenges, and progress, fostering a sense of belonging and mutual encouragement.
15.	Sports Club	To provide a diverse programme of sporting activities throughout the academic session. To encourage every student's cooperation, harmony in order to create a physically stimulating environment. To nurture a healthy lifestyle and teamwork, as well as self-discipline and control. The aim is to develop a positive mindset, courage, patience, self-assurance, sportsmanship and friendships among the students.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Member List of Clubs 2022-2023

• Science and Technology Club

Sl No	Name	Designation	Department
1.	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Dr Biswabondhu Chatterjee	Faculty, Convenor	Department of CE
3	Mr. Anjan Kumar Payra	Faculty Member	Department of CSE
4	Mr. Baibaswata Das	Faculty Member	Department of CE
5	Mr. Souradeep Roy	Faculty Member	Department of CE
6	Mr. Arindam Mukherjee	Faculty Member	Department of AUE
7	Ms Ananya Banerjee	Faculty Member	Department of ECE
8	Debashmita manna	Faculty Member	Department of ECE
9	Mr. Prathita Roy	Faculty Member	Department of EE
10	Mrs. Rumrum Banerjee	Faculty Member	Department of EE
11	Ms. Geetika kumari Salwan	Faculty Member	Department of ME
12	Aniket Singh	Student Member	Department of AUE
13	Piyush Ghughu	Student Member	Department of CSE

• Robotics Club

Sl No	Name	Designation	Department
1.	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Dr. Ruma Sen	Faculty, Convenor	Department of ME
3	Mr. Pritam Bhattacharjee	Faculty Member	Department of AUE
4	Mr. Anirbit Sengupta	Faculty Member	Department of ECE
5	Banti Mondal	Student Member	Department of CSE
6	Ishika Das	Student Member	Department of CSE
7	Jyoti kumari Ram	Student Member	Department of CSE
8	Shrestha Poddar	Student Member	Department of ECE

• Nirman Club

Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Krishnendu Kundu	Faculty, Convenor	Department of CE
3	Subhasish Halder	Faculty Member	Department of ME
4	Sankha Ghosh	Faculty Member	Department of AUE
5	Sourav Kumar Singha	Faculty Member	Department of CE
6	Sampad Narayan Dutta	Student Member	Department of CE
7	Arghya Mondal	Student Member	Department of AUE

• Mathematics Club

Sl No	Name	Designation	Department
-------	------	-------------	------------



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

1.	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2.	Ms. Pallabi Bose	Faculty, Convenor	Department of BSH
3.	Mr. Vivek Shaw	Faculty Member	Department of BSH
4.	Mr. Arindam Mukherjee	Faculty Member	Department of AUE
5.	Ms. Rinku Supakar	Faculty Member	Department of CSE
6.	Ms. Ananya Banerjee	Faculty Member	Department of ECE
7.	Ms. Rumrum Banerjee	Faculty Member	Department of EE
8.	Mr. Prasun Seal	Faculty Member	Department of CE
9.	Ms. Geetika Kumari Salwan	Faculty Member	Department of ME
10.	Mr. Hiten Jaiswal	Student Member	Department of CSE
11.	Mr. Ankit Patra	Student Member	Department of EE
12.	Mr. Nayan Das	Student Member	Department of ME
13.	Mr. Sattwik Dutta	Student Member	Department of ECE
14.	Ms. Barsha Das	Student Member	Department of CE

• **Coding Club**

Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Anjan Kr Payra	Faculty, Convenor	Department of CSE
3	Dr. Mallika De	Faculty Member	Department of CSE
4	Debdatta Chatterjee	Faculty Member	Department of CSE
5	Rinku Supakar	Faculty Member	Department of CSE
6	Aishee Bhattacharya	Student Member	Department of CSE
7	Kaushik Didwania	Student Member	Department of CSE
8	Mohit Seth	Student Member	Department of CSE
9	Pushpanjoy Sharma	Student Member	Department of CSE
10	Sugato Bagchi	Student Member	Department of CSE

• **Art and Craft Designing Club**

Sl No	Name	Designation	
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Sourav Kumar Singha	Faculty, Convenor	Department of CE
3	Kalyan Mukherjee	Faculty Member	Department of AUE
4	Ms. Pallabi Bose	Faculty Member	Department of BSH
5	Ms. Debasmita Roy Chowdhury	Faculty Member	Department of BSH
6	Sajal Mondal	Student Member	Student, AUE
7	Akash Chatterjee	Student Member	Student, CSE



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

8	Anushka Maity	Student Member	Department of ECE
9	Soham chatterjee	Student Member	Department of CE
• Photography Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Dr. Sayantan Chakraborty	Faculty, Convenor	Department of EE
3	Shankha Ghosh	Faculty Member	Department of AUE
4	Nibedita Biswas	Faculty Member	Department of BSH
5	Arijit Ghosh	Student Member	Department of CSE
6	Srija Samanta	Student Member	Department of CSE
7	Aniket Jana	Student Member	Department of CE
8	Raj Biswas	Student Member	Department of EE
• Cultural Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Mr. Arindam Mukherjee,	Faculty, Convenor	Department of AUE
3	Ms. Ananya Banerjee	Faculty Member	Department of ECE
4	Ms. Debdatta Chatterjee	Faculty Member	Department of CSE
5	Ms. Rumrum Banerjee	Faculty Member	Department of EE
6	Mr. Prathita Roy	Faculty Member	Department of EE
7	Ms. Nibedita Biswas	Faculty Member	Department of BSH
8	Soham chatterjee	Student Member	Department of CE
9	Aniket bhattacharya	Student Member	Department of AUE
10	Ujan De	Student Member	Department of CSE
11	Prohit Sil	Student Member	Department of CSE
• Quiz and Debate Club			
Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Souvik Chakraborty	Faculty, Convenor	Department of CE
3	Arindam Mukhopadhyay	Faculty Member	Department of AUE
4	Madhusmita Misra	Faculty Member	Department of CSE
5	Pallabi Bose	Faculty Member	Department of BSH
6	Subhasish Halder	Faculty Member	Department of ME
7	Sufia Ahmed Ansari	Student Member	Department of CSE
8	Prohit Sil	Student Member	Department of CSE
• Documentary and Drama Club			

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Debasmita Roy Chowdhury	Faculty, Convener	Department of BSH
3	Dr. Rinku Supakar	Faculty Member	Department of CSE
4	Dr. Abhigyan Ganguly	Faculty Member	Department of ECE
5	Arindam Mukherjee	Faculty Member	Department of AUE
6	Prohit Sil	Student Member	Department of CSE
8	Aunisha Patra	Student Member	Department of CSE
9	Ujan De	Student Member	Department of CSE
10	Sumit Mondal	Student Member	Department of CSE
11	Sajal Mondal	Student Member	Department of AUE

• Biosystem and Environment Engineering Club

Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Mr. Souvik Chakraborty	Faculty, Convenor	Department of CE
3	Ms. Debasmita Manna	Faculty Member	Department of ECE
4	Mr. Kalyan Mukherjee	Faculty Member	Department of AUE
5	Ms. Rumrum Banerjee	Faculty Member	Department of EE
6	Sufia Ahmed Ansari	Student Member	Department of CSE
7	Prohit Sil	Student Member	Department of CSE

• Community Connect (NSS) Club

Sl No	Name	Designation	Department
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Ms. Debasmita Manna	Faculty, Convenor	Department of ECE
3	Mr. Anjan Kumar Pyra	Faculty Member	Department of CSE
4	Dr. Sangeeta Jana Mukhopadhyaya	Faculty Member	Department of ECE
5	Mr. Sankha Ghosh	Faculty Member	Department of AUE
6	Dr. Ruma Sen	Faculty Member	Department of ME
7	Mr. Sayani Roy	Faculty Member	Department of CSE
8	Mr. Krishnendu Kundu	Faculty Member	Department of CE
9	Debanjali De	Student Member	Department of ECE
10	Rajdeepa Dey	Student Member	Department of CE
11	Amartya Debnath	Student Member	Department of ME
12	Irfan Mallick	Student Member	Department of ECE
13	Sneha Das	Student Member	Department of CSE

• Literary Club

Sl No	Name	Designation	
-------	------	-------------	--



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Ms. Nibedita Biswas	Faculty, Convenor	Department of BSH
3	Ms. Debasmita Roy Chowdhury	Member	Department of BSH
4	Ms. Ananya Banerjee	Faculty Member	Department of ECE
5	Mr. Prathita Roy	Faculty Member	Department of EE
6	Mr. Arindam Mukherjee	Faculty Member	Department of AUE
7	Ms. Bidisha Dobe	Faculty Member	Department of ECE
8	Mr. Shankha Ghosh	Faculty Member	Department of AUE
9	Prithivi Ghosh	Student Member	Department of AUE
10	Soumita Dasgupta	Student Member	Department of CSE
11	Sudipa Roy	Student Member	Department of CE

• **Yoga and Meditation Club**

Sl No	Name	Designation	
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Pritam Bhattacharjee	Faculty, Convenor	Department of AUE
3	Sourav Kumar Singha	Faculty Member	Department of CE
4	Nibedita Biswas	Faculty Member	Department of BSH
5	Firojuddin Sk	Faculty Member	Department of ECE
6	Aritro Datta	Student Member	Department of CSE
7	Anish Saha	Student Member	Department of AUE

• **Sports Club**

Sl No	Name	Designation	
1	Prof. (Dr.) Saradindu Panda	Chairman/President	Principal, Admin
2	Mr. Prathita Roy	Faculty, Convenor	Department of EE
4	Mr. Subhasish Halder	Faculty Member	Department of ME
5	Mr. Kalyan Mukherjee	Faculty Member	Department of AUE
6	Mr. Souvik Chakraborty	Faculty Member	Department of CE
7	Mr. Vivek Shaw	Faculty Member	Department of BSH
8	Mr. Arindam Mukherjee	Faculty Member	Department of AUE
9	Mr. Abhishek Roy	Student Member	Department of CSE
10	Mr. Joy Das	Student Member	Department of EE
11	Ms. Muskan Kumari	Student Member	Department of CE
12	Ms. Swati Jha	Student Member	Department of CSE
13	Mr. Amit Saha	Student Member	Department of AUE



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Science and Technology Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Workshop on PLC Programming

Date: 09.05.2023

No. of Participants: 24 (offline) + 20 (online) = 44

Objective: To get familiar with new trends in electrical engineering and industrial work.

Department of Electrical Engineering in association with Science and Technology Club of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex (SurTech) has organized a hands-on Workshop on 09.05.2023 on PLC Programming in hybrid mode, which was conducted by Mr. Soumyadip Sarkar, a Senior Faculty from Ardent Computech Pvt. Ltd.

The workshop aimed to provide participants with practical insights into PLC programming for control systems simulation. Mr. Sarkar demonstrated various programming techniques and applications, allowing attendees to gain hands-on experience in designing and implementing PLC programs. Participants actively engaged in programming exercises, troubleshooting scenarios, and real-world case studies, fostering a deeper understanding of PLC concepts and their applications in industrial automation. The workshop received positive feedback from participants, highlighting its effectiveness in enhancing their skills and knowledge in PLC programming for control systems simulation.

Few glimpses of the workshop are attached for your reference.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Witnessing the Launch of Chandrayan

Date: 14.7.2023

Venue: Auditorium

Participants: 62

Department of ECE in association with Science and Technology Club of Dr Sudhir Chandra Sur Institute of Technology and Sports Complex organised the observation event of Chandrayan -2 Launch ceremony. Students and Faculty members from different department participated in the event.

Chandrayaan Mission was launched by the Indian Space Research Organisation (ISRO) and Chandrayaan – 3 is one of the lunar missions of India after. This mission was conducted for topographical researches and mineralogical studies to have a better understanding of the Moon's origin and evolution.

Highlights of Chandrayaan 3

- Chandrayaan 3 fostered the findings on the moon as reported by the ISRO.
- The mission focused on the extensive mapping of the lunar surface for studying variations in its composition and tracing the Moon's origin and evolution.

Speaker: Dr Anirban Neogi, HOD, ECE Department, DSCSITSC

Glimpse of the event.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Robotics Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

One day basic workshop on Schedule for Beginners Guide to Arduino Based Robotics

Date: 07.09.2022

Venue: college

Objective: To bridge the gap in understanding the latest trends pertaining to automation.

The workshop was focused on basics of Arduino programming, hands on Training using a robotic Kit. At the end of the course an expert, Mr Arvind Nadig, CEO of Li2 innovations, was invited to deliver a lecture on advancement in robotics and the world towards entrepreneurship. The workshop also was extended via demonstrating 3D printer and EEG brain sensor.

Through this workshop we were able to understand that real machines need a medium to communicate to the virtual world Via IOT. This workshop gave a detailed working process and hands on smart IOT sensor that is XDK. This sensor is sufficient to retrofit in measuring data and evaluating productivity.

Glimpse of the event





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

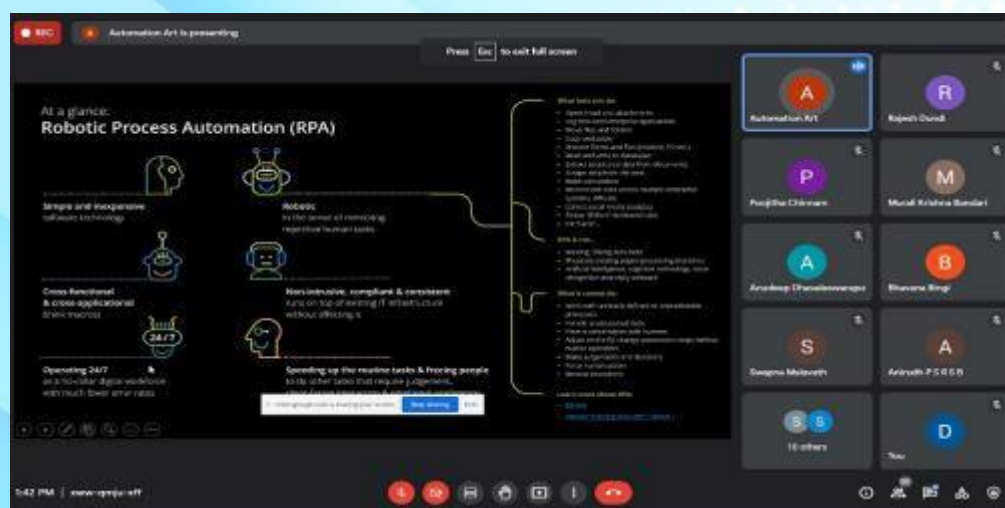
One day Webinar on Robotic Process Automation using UiPath

Date: 07.02.2023

Venue: online

Objective: To bridge the gap in understanding the Robotic Process Automation using UiPath

Robotic Process Automation using UiPath has been a staple of advanced manufacturing for over half a century. As robots and their peripheral equipment become more sophisticated, reliable, and miniaturized, these systems are increasingly being utilized for entertainment, military, and surveillance purposes. One day Webinar on latest trending IOT technologies and projects was organised by the students of the college GRIET-Robotics Club. The participating members from the institute include 1st ,2nd and 3rd year of ME dept , virtually visited and shared their views and experiences. As per the feedback received from the participants of GRIET the discussions on Hands-on Experience on making 'Robotic Process Automation using UiPath ' was more interactive with fun and knowledge, especially students from other colleges showed more interest in coming to next upcoming events from Robotics Club. Overall, the experience was bilateral.



Glimpse of the event



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Nirman Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Seminar on Retrofitting of Structures

Date: August 1, 2022

Location: College Campus

Speaker: Dr. Dharampal Singh, Prof. JIS University

Objective: To provide participants with in-depth knowledge of retrofitting techniques and their significance in structural engineering.

The seminar began with a keynote presentation by a renowned expert in structural engineering, who provided an overview of retrofitting principles and the importance of maintaining and upgrading existing structures. The subsequent sessions delved into various retrofitting techniques, including seismic retrofitting, strengthening of load-bearing elements, and improving structural resilience against environmental factors.

Throughout the seminar, case studies were presented, showcasing successful retrofitting projects and highlighting the challenges and solutions encountered. Interactive discussions and Q&A sessions allowed participants to engage with the speakers, ask questions, and gain deeper insights into specific aspects of retrofitting. The seminar concluded with a panel discussion featuring industry professionals who shared their experiences and answered participants' queries on the practical aspects of retrofitting.

Event Outcomes

- **Enhanced Knowledge:** Participants gained a thorough understanding of retrofitting techniques, including their applications and benefits in maintaining and upgrading structures.
- **Increased Awareness:** The seminar highlighted the latest advancements in retrofitting practices, providing valuable insights into modern approaches and technologies.

Glimpse of the event





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Build anything with anything - Project Competition

Date: March 28, 2023

Location: College Auditorium

Objective: To inspire participants to think creatively and explore unconventional uses of materials in construction and design.

On March 28, 2023, the college campus hosted a unique and engaging project competition titled “Build Anything with Anything.” This event encouraged students to showcase their creativity and engineering skills by designing and constructing innovative projects using a variety of materials. With 38 participants involved, the competition highlighted the ingenuity and resourcefulness of students in applying construction principles in unconventional ways. The “Build Anything with Anything” project competition was held on the college campus, where participants were invited to submit projects built using a range of materials, both traditional and unconventional. The competition was designed to be open-ended, allowing participants to exercise their creativity and ingenuity in constructing their projects.

Projects varied widely, showcasing inventive uses of materials such as recycled items, everyday objects, and unconventional components. Each project was evaluated based on criteria including creativity, functionality, design, and the effective use of materials. Participants had the opportunity to present their projects to a panel of judges, which included faculty members and industry experts. Each presentation was followed by a Q&A session, where judges and audience members could ask questions and provide feedback on the projects.

Event Outcomes

- **Showcased Innovation:** The competition highlighted a wide range of creative and innovative projects, demonstrating participants' ability to think outside the box and use materials in novel ways.
- **Enhanced Skills:** Participants developed and showcased practical skills in design and construction, gaining valuable experience in project execution and presentation.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Mathematics Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Observation of “Super Sudoku” Mystery of Numbers

Date: 29.07.2022

Venue: Auditorium

Objective of the Event- To develop students' logical, critical thinking skills, and also increase confidence in their abilities to complete challenging tasks.

No. of Participants: 45

An event on "**Super Sudoku**" was organized by **MATH π RATES** (Mathematics Club of SurTech) on 29th July, 2022. 45 students from different years and streams participated and the Sudoku-solving skill of contestants was tested through the regular CLASSICAL Sudoku. The event was judged by Mr. Arindam Mukherjee, Asst Prof of AUE Department; Ms Pallabi Bose, Asst Prof BSH Department, Asst Prof CSE Department; Mr. Baibaswata Das, TIC of CE Department; Mr. Prathita Roy, Asst Prof EE Department. The event was ended by a motivational speech, delivered by the judges. The following students were rewarded as per the judgement:

Abhishek Roy (CSE, 2nd year)-1st position

Surya Ghosh (ECE, 3rd year)- 2nd position

Rimpa Bayen (CSE, 2nd year)-3rd position

Glimpse of the event are attached here.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375



Observation of a Seminar on “How to Use Vedic Maths in Competitive Examination

Venue: Room No 220

Date: 23.09.2022

Objective of the Event- To enhance students’ computational skill by solving problems mentally using application of sutras, which increase speed and accuracy.

No. of Participants: 60

The Mathematics Club of SurTech has organized a Seminar on "How to use Vedic Maths in Competitive examination?" by Mr. Suwendu Mondal, Assistant Professor, Electrical Engineering on 23/09/2022 from 12:00 pm onwards. 60 participants from various branches participated in this seminar.

The program started with the felicitation of the guest by Prof. Dr. Shefalika Ghosh Samaddar and welcome address by HOD, EE, Dr. Sayantan Chakraborty. Vedic mathematics is the balancing power between two opposite qualities of its own nature unifying and diversifying. The technical session by Mr. Suwendu Mondal was very informative and interactive with the aspiring engineering students from various backgrounds. The program ended with Vote of thanks given by Ms. Pallabi Bose.

Glimpse of the seminar are attached herewith.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375



South Dumdum, West Bengal, India

540, Dum Dum Rd, Surer Math, Melabagan Estate, Basak Bagan, South
Dumdum, West Bengal 700074, India

Lat 22.618674°

Long 88.404691°

23/09/22 12:25 PM



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Coding Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

CodeHub August 2022

Date: 22/08/2022

Place: Lab 1 and Lab 2 of CSE, Online mode

Participant: All college students

Report:

Binary Coders (The Coding Club of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex) in collaboration with the Computer Science & Engineering Department of DSCSIT&SC successfully conducted the Coding Contest CODEHUB AUGUST 2022. The contest was held in a hybrid mode – both online mode and offline mode at DSCSITSC CSE Labs, via HackerEarth online coding platform.

We had received 65 registrations for the contest, of which 55 appeared in the contest. Here is the contest Leaderboard –

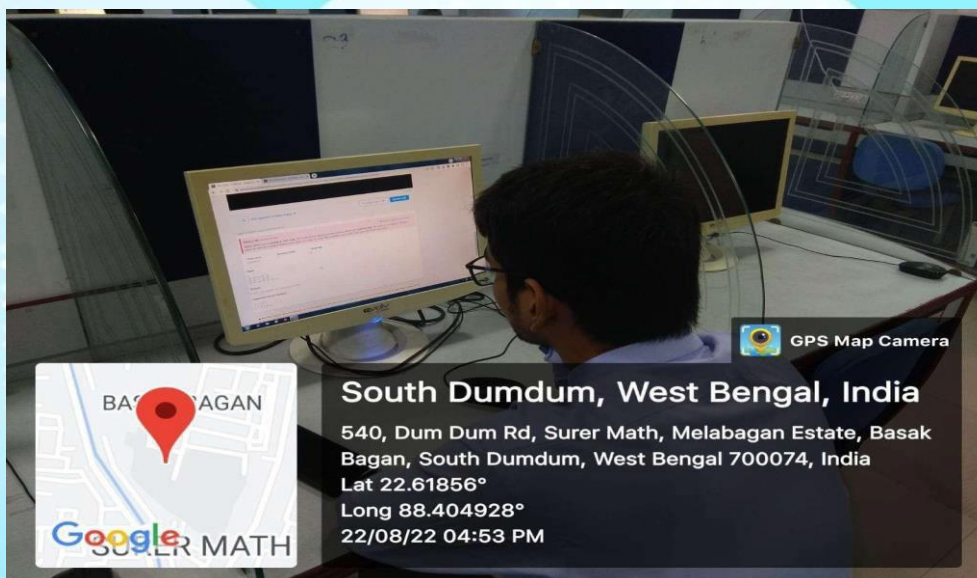
Codehub - August'22							
Aug 22, 2022, 04:15 PM IST - Aug 22, 2022, 05:15 PM IST							
INSTRUCTIONS PROBLEMS SUBMISSIONS LEADERBOARD ANALYTICS JUDGE							
Leaderboard							
Last updated at: Aug 22, 2022, 05:15 PM IST							
DEVELOPERS	SCORE (400) Problems Solved (4)	EFFECTIVE TIME (HH:MM:SS)	P0 En0Kryption (100)	P1 The Duke (100)	P2 Peek - A - E... (100)	P3 Swapping Store (100)	
1. Sayan Manna sayanmanna7631	100 (1)	0:12:58	N/A	N/A	100 0:12:58	N/A	
2. Surya Ghosh suryaghosh302	60 (3)	2:01:44	N/A	20 0:29:54	20 0:41:25	20 0:50:25	
3. Brindew Singh brindewsingh2002	20 (1)	0:14:11	N/A	N/A	20 0:14:11	N/A	
4. Arghadip Ghosh arghadipghosh2002	20 (1)	0:24:25	N/A	N/A	20 0:24:25	N/A	
5. Shruti Gupta shruti3396hu	0 (0)	0:00:00	N/A	N/A	N/A	N/A	
6. Depan Saha depan2001saha	0 (0)	0:00:00	N/A	N/A	N/A	N/A	
7. Sinjan Chattopadhyay sinjan	0 (0)	0:00:00	N/A	N/A	N/A	N/A	

Based on the above Leaderboard, Team Binary Coders would like to declare **Sayan Manna**, of CSE 3rd year, as the Winner of Codehub August 2022.

Glimpses of the event



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Art and Craft Designing Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

"The Protective Knot" - Rakhi Making Competition by Art & Craft Club

Date: August 8, 2022

Venue: Auditorium

Objectives: Embrace the cultural significance of Raksha Bandhan by encouraging students to craft personalized Rakhis.

The Art & Craft Club at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (DSCSITSC) organized a heartwarming "The Protective Knot" - Rakhi Making Competition on **August 8, 2022**. Held in the dignified College Auditorium at Room No. 518, this offline event celebrated the art of crafting Rakhis, providing a physical space for students to showcase their creativity and express the sentiment of protection and love through their handmade creations.

Event Highlights:

- **Diverse Participation:**

- The competition saw an enthusiastic response, with 39 students participating eagerly, showcasing the diverse artistic talents within the college.

- **Variety of Rakhi Designs:**

- Participants presented an array of Rakhi designs, incorporating traditional elements, modern aesthetics, and personal touches. The variety reflected the cultural diversity and creative expression of the participants.

- **Live Judging Panel:**

- An esteemed panel of judges, consisting of craft enthusiasts and faculty members, conducted live evaluations of the entries, considering creativity, craftsmanship, and adherence to the theme.

Outcome:

Celebration of Tradition:

- The event successfully celebrated the tradition of Raksha Bandhan, bringing students together to express their creativity through the art of Rakhi making.

2. Diverse Rakhi Designs:

- Participants showcased a rich diversity of Rakhi designs, incorporating a blend of traditional and contemporary elements, reflecting their individual artistic perspectives.

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Some of Glimpse is attached.



Greeting card making competition by Art & Craft Club

Date: January 5, 2023 Venue:

College Auditorium

Objectives: To Emphasize the importance of personalized and handmade expressions of goodwill through greeting cards.

The Art & Craft Club at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (DSCSITSC) organized a delightful "Greeting Card Making Competition" on January 5, 2023. Hosted in the prestigious College Auditorium at Room No. 418, this offline event aimed to inspire creativity and craftsmanship as students brought their artistic flair to the creation of unique and heartfelt greeting cards.

Event Highlights:

- **Diverse Participation:**
 - The competition garnered widespread enthusiasm, with 56 students participating eagerly, showcasing a rich tapestry of artistic talents within the college.
- **Variety of Greeting Card Designs:**
 - Participants presented an array of greeting card designs, encompassing various themes and artistic styles, reflecting the diverse perspectives and creative expression of the participants.

Outcome:

1. **Celebration of Personalized Greetings:**
 - The event successfully celebrated the art of personalized greetings, emphasizing the sentiment and thoughtfulness embedded in handmade cards.
2. The Art & Craft Club extends heartfelt gratitude to all participants, judges, and supporters who contributed to the success of the "Greeting Card Making Competition" at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. The event celebrated creativity, craftsmanship, and the spirit of artistic expression within our institution.

Some of Glimpse is attached,





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Photography Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Date: 29.09.22

Objective: To capture the essence of the festival through their lenses

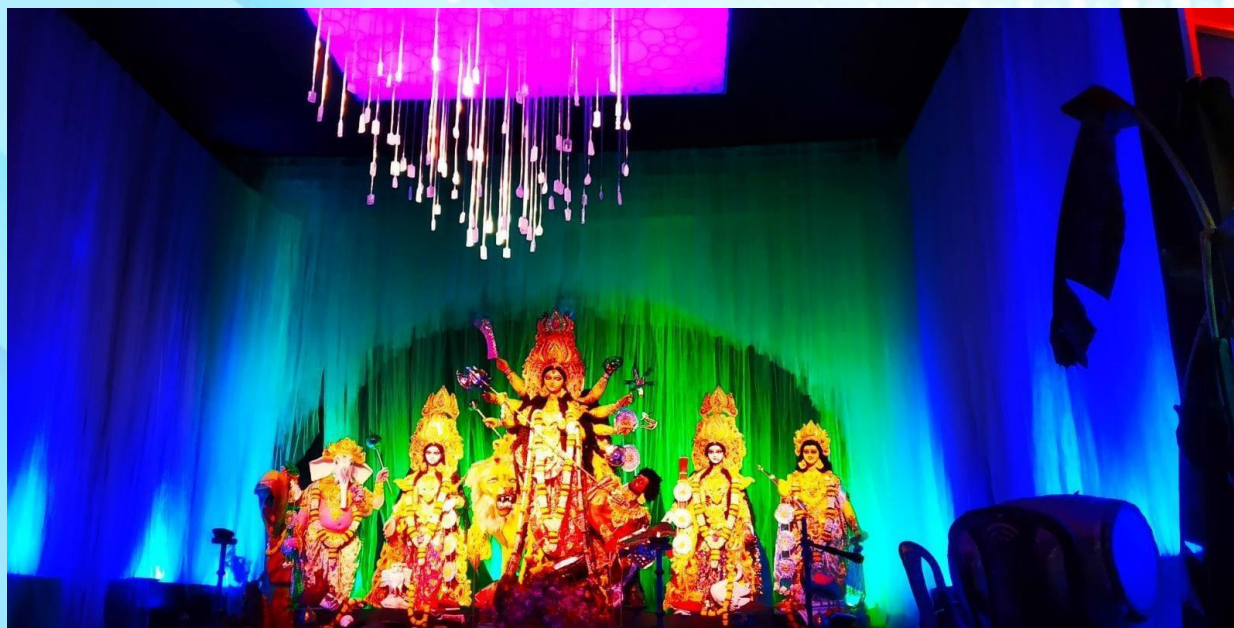
The Photography Club of Surtech organized a competition during the Durga Puja festival with the objective of encouraging students to capture the essence of the festival through their lenses. The event aimed to provide a platform for budding photographers to showcase their talent, creativity, and perspective, focusing on the artistic and cultural significance of Durga Puja. The competition also sought to foster a sense of community and cultural appreciation among students, highlighting the vibrant traditions associated with the festival.

During Durga Puja, students from various departments enthusiastically participated in the competition by clicking photos of Durga idols across different pandals. The participants were encouraged to capture not just the beauty of the idols but also the emotions, craftsmanship, and the cultural vibrancy surrounding the festival. Each photograph told a unique story, reflecting the diverse ways in which Durga Puja is celebrated.

The submissions were evaluated based on creativity, composition, technical quality, and the ability to convey the spirit of the festival. The judges, comprising faculty members and professional photographers, had a challenging task of selecting the best photograph due to the high standard of entries.

After careful deliberation, the judges selected the best photograph that encapsulated the essence of Durga Puja. The winning photo was praised for its artistic composition, attention to detail, and the way it captured the divine presence of Goddess Durga. The student who took the winning photograph was Rohan Dey, cse 2 nd year. He was awarded a prize during a special ceremony organized by the Photography Club.

The Winning Photo:





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Cultural Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Independence Day

Date: 15th August 2022

Venue: Auditorium

Objective: To celebrate Independence Day

Overview:

We are happy to share with you the details of the celebration of 'Azadi ka Amrit Mahotsav - 75 years of India's Independence at Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, on 15th August, 2022, which remains the most significant day in the history of India. On this day in 1947, our countrymen made our motherland free from the shackles of slavery under British colonial rule through their inexorable struggle at the cost of their lives. The program started with the flag hoisting ceremony observed by our honourable Director Sir, Dr. Saradindu Panda followed by the singing of the National Anthem in chorus. Dr. Saradindu Panda had shared with us the right implication of the celebration of this glorious day through his speech. The students of various departments have performed in a cultural program to reflect the principle of "Unity in Diversity" which is the key feature of independent India. The program was followed by a friendly football match between two groups of students of the institute to pay tribute to the martyrs of our nation.

The program ended on a good note with a pledge to continue to serve our country in every form at any time whenever it is needed.

Snapshots are attached herewith.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Saraswati Puja

Date: 26th January 2023

Venue: College Premise

Objective: To celebrate Saraswati Puja.

Overview:

With great pleasure we would like to inform you that the Cultural and Event Committee with the help of faculties, staff and students of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex celebrated the Saraswati Puja on 26th January, 2023 in our college campus. All the arrangements of Puja started from the previous day and the enthusiastic students decorated the worship space with beautiful origami (paper art form) and drawings. The Puja was celebrated with great passion as many students along with all the members participated in the event gracefully.

The immersion of the Saraswati Idol took place on 07th February, where all the students and members ate together and celebrated this great occasion. It was really a fascinating moment for all of us as all the stakeholders of our institution took part in this event.

On behalf of DSCSITSC, we hope Goddess Saraswati will bless all the members of JIS Group on this sacred eve of Vasant Panchami to lead an elegant life. Some of the glimpses are attached herewith for your kind perusal.

Snapshot of the event are attached herewith.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Quiz and Debate Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Sports and Games Quiz

Date: December 15, 2022

Venue: College Campus

Objective: To stimulate logical reasoning among the students.

Event Overview:

The Sports and Games Quiz was designed to test students' knowledge of various sports, their history, rules, famous players, and memorable events. This quiz aimed to promote physical education and awareness of sports culture. Mr. Ravi Kapoor, Sports Director, emphasized the importance of sports in developing teamwork and discipline. Mr. Vikram Singh explained the rules and structure of the quiz.

- **Round 1: Sports History and Facts**
 - Multiple-choice questions covering the history of different sports.
 - Questions included significant milestones and record-breaking achievements.
- **Round 2: Rules and Regulations**
 - Focused on the rules of various sports, especially lesser-known ones.
 - Teams were asked to identify incorrect rule statements.
- **Round 3: Iconic Moments and Players**
 - Picture and video-based round identifying famous sports personalities and moments.
 - Teams had to buzz in to answer.
- **Conclusion and Prize Distribution:**
 - Prizes awarded to the top 3 teams.
 - Special recognition for the team with the highest accuracy rate in Round 3.

Outcome:

The quiz was a great success, encouraging a deeper understanding of sports beyond just gameplay. The picture and video round was particularly appreciated for its interactive nature. Students gained insights into various sports and felt more connected to sports culture.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Environmental Awareness Quiz

Date: January 10, 2023

Venue: College Campus

Objective: To raise environmental awareness among the students.

Event Overview:

The Environmental Awareness Quiz aimed to educate and sensitize students about environmental issues, conservation efforts, and sustainable living practices.

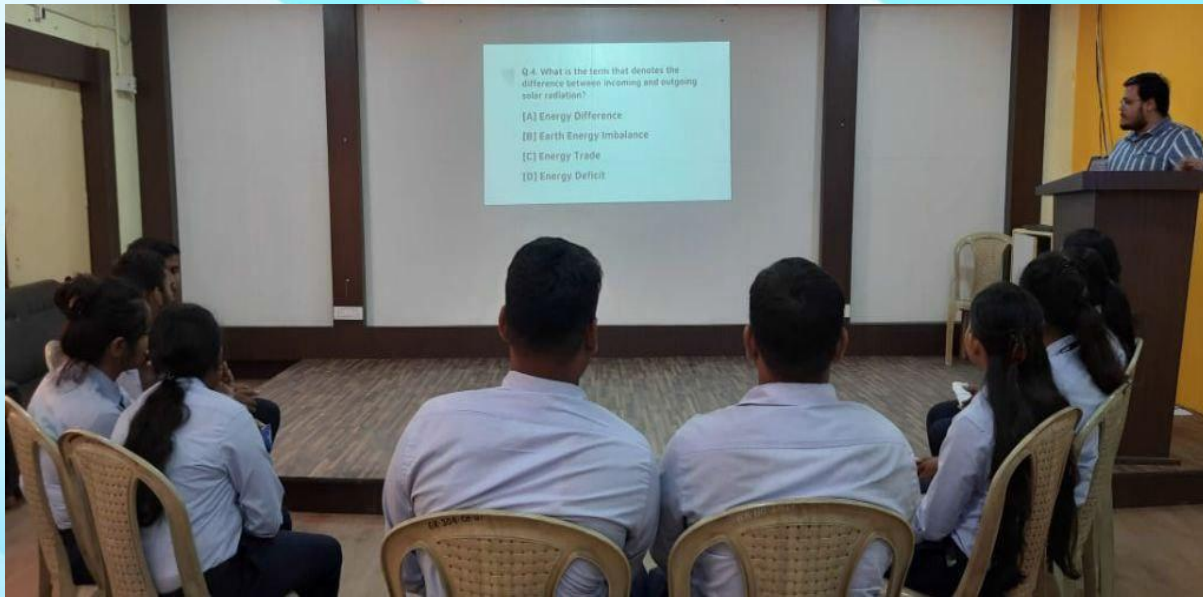
- **Opening Remarks:** Ms. Swati Roy spoke about the urgency of environmental conservation and sustainable practices. The Quizmaster, Mr. Rahul Das outlined the rules and welcomed the participants.
- **Round 1: Environmental Science Basics**
 - Questions on ecosystems, biodiversity, pollution, and climate change.
 - Multiple-choice format to test basic knowledge.
- **Round 2: Case Study Analysis**
 - Teams analyzed environmental case studies and proposed solutions.
 - This round tested critical thinking and problem-solving skills.
- **Round 3: Sustainable Practices Round**
 - Teams answered questions related to sustainable living and green technologies.
 - Included a practical demonstration segment.
- **Conclusion and Awards:**
 - Prizes awarded to the top 3 teams.
 - Special commendations for innovative solutions in the case study round.

Outcome:

The quiz was a significant step towards increasing environmental awareness among students. It encouraged participants to think critically about their role in conservation and inspired many to join the college's Eco Club. Feedback indicated a strong interest in making this an annual event.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375



Q.4. What is the term that denotes the difference between incoming and outgoing solar radiation?

- [A] Energy Difference
- [B] Earth Energy Imbalance
- [C] Energy Trade
- [D] Energy Deficit



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Documentary and Drama Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Observance the International Day for the Elimination of Violence against Women

Date: 25.11.2023

Venue: Auditorium

Objective of the Event-

To raise awareness among students of the violence against women and to inspire students to protest against such heinous actions.

No. of Participants: 15

The Documentary and Drama Club of Surtech has arranged an awareness event to observe the International Day for the Elimination of Violence against Women on 25th November 2022 at the auditorium from 3 pm. 'Jonakee', the drama group of Surtech staged a play and an extempore session was organised among the students irrespective of the departments.

As per the UN directives any sort of violence, physical, mental and psychological, is an act of human rights violation and these may invite far reaching consequences in the lives of women that impact our society. To disseminate awareness against such violence we arranged a discussion session among the faculties and students. The invaluable words of Principal Sir and Director Sir contributed to add value to the cognitive excellence of the students.

Keeping this grave concern in mind the drama group, Jonakee presented a moving play to encourage students to raise their voices against violence an extempore competition was held. Students shared their thoughts and insights on this matter.

The event ended with echoing notes of optimism and hope.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Celebration of the World Earth Day through the Play 'Chaos' at the Cultural Festival

Date: 25.04.2023

Venue: Auditorium

Objective of the Event- To celebrate the World Earth Day through an original play aligned with theme. No. of Participants: 20

The Documentary and Drama Club took centre stage at the recent cultural fest, captivating the audience with a thought-provoking play designed to celebrate World Earth Day. Titled as "Chaos", the play focused on raising awareness about environmental issues and promoting a more sustainable world.

The audience was thoroughly enthralled by the play, as it not only entertained but also inspired attendees to reflect on their role in safeguarding the Earth. The actors demonstrated remarkable dedication and talent, delivering stellar performances that left a lasting impression.

The play successfully achieved its goal of promoting a pollution-free and better Earth, leaving the audience with a powerful message that encouraged them to take concrete steps towards sustainability. The performance received widespread acclaim and appreciation from both the fest attendees and the faculty.

The play served as a reminder of our responsibility to protect and preserve our planet, making it an apt tribute to World Earth Day

Glimpse of the event



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Biosystem and Environment Engineering Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

World Environment Day Celebration at DSCSITSC

Date: June 5, 2023

Venue: College Auditorium and Campus Grounds

Objective: To educate participants about environmental challenges and the importance of sustainable actions.

Event Overview

Dr. Arjun Singh's talk on climate change emphasized the urgent need for individual action. Participants gained a deeper understanding of climate impacts and mitigation strategies. Discussions on technology's role in conservation highlighted new innovations, such as smart grids and water-saving technologies.

Students presented innovative projects, including a waste-to-energy system and a solar-powered water purification unit. These projects received commendations and are being considered for further development. The competition showcased creative solutions for reducing plastic waste, with winning entries being displayed in the campus lobby. Reusable water bottles and tote bags were distributed, promoting sustainable lifestyle choices. Over 80% of attendees signed the pledge to adopt at least three new eco-friendly habits.

The event was featured in local newspapers and TV stations, raising awareness about the college's environmental initiatives and their impact on the community.

Conclusion

The World Environment Day Celebration successfully raised awareness, promoted sustainable practices, and engaged the community in addressing environmental challenges. The event was a great success, and we look forward to future initiatives that promote innovation and sustainable development.





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Community Connect (NSS) Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Awareness Program on 'Beti Bachao Beti Padhao'

Date: 22nd September 2022

Venue: Individual Residence

Objective: To raise awareness among the people about the importance of Girls' education.

The students and faculty of NSS Club organized a virtual campaign focused on the importance of girls' education as part of the Government of India's "Beti Bachao, Beti Padhao" initiative. The campaign aimed to raise awareness about the critical role of educating girls in building a better society and ensuring gender equality.

As part of the campaign, students actively participated by preparing essays that highlighted the challenges and opportunities in promoting girls' education. These essays emphasized the transformative impact of education on the lives of girls and the broader community. Additionally, students showcased cultural performances that celebrated the strength, resilience, and potential of girls and women.

The campaign was well-received by both students and faculty, reinforcing the message that educating girls is essential for the progress of the nation. The virtual event successfully brought together participants to reflect on and promote the cause of girls' education, aligning with the broader objectives of the "Beti Bachao, Beti Padhao" initiative.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 540, Dum Dum Road, Surer math, Kolkata – 700074; Phone: +91 3325603889
 Website: www.surtech.edu.in
 Email: info@dsec.ac.in

Awareness Program on "Beti Bachao Beti Padhao"

Organized by
NSS & Extracurricular Activity Committee

22nd September 2022 from 03.00 p.m



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Swachh Bharat Awareness Activity

Date: 10th February 2023

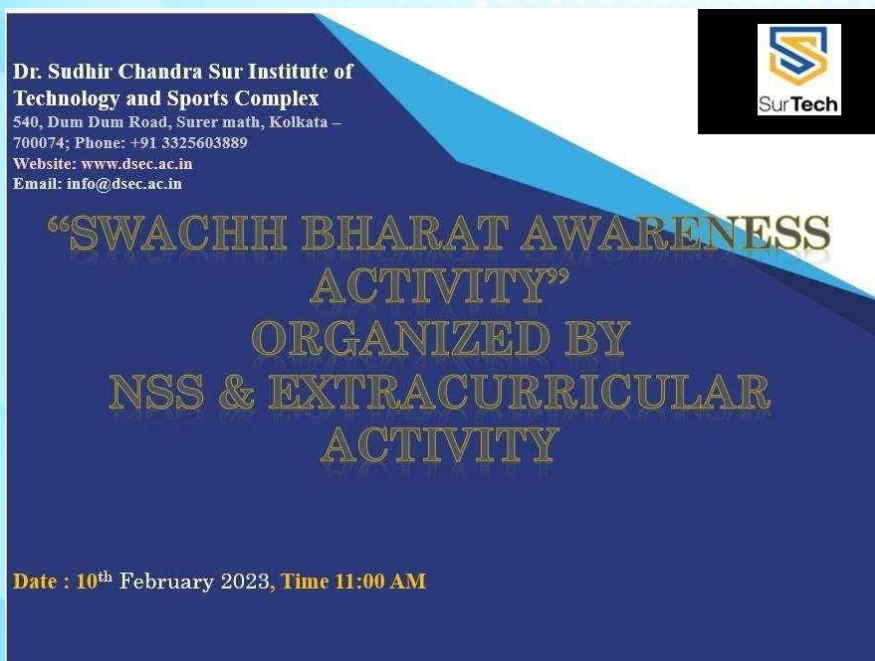
Venue: College Premises

Objective: To raise awareness about sanitization and effort to keep society and environment clean.

The students of the NSS Club at Surtech organized a cleanliness drive as part of the Swachh Bharat awareness activity, an initiative led by the Government of India. The campaign aimed to promote the importance of a clean environment and society.

During the activity, the students diligently cleaned the classrooms, college premises, and surrounding areas. They worked together to remove litter, tidy up common areas, and ensure that the college environment reflected the principles of cleanliness and hygiene.

This initiative not only helped improve the physical surroundings but also raised awareness among students and staff about the significance of maintaining cleanliness in our daily lives. The activity served as a reminder of our collective responsibility to contribute to a cleaner and healthier society, in line with the



goals of the Swachh Bharat mission.



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Literary Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

Poster-making and Painting Competition

Date: 24.08.2022

Venue: Auditorium

Objective: To promote the creativity of the students at an extracurricular level

The Literary Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized an activity on "Poster-Making and Painting Competition" on 24th August, 2022 to promote the creativity of the students at an extracurricular level. Students of various departments have participated in the event and have showcased their talents through their colors and brushes. A flurry of ideas and concepts on the theme of International Students' Day have come up to display through the images and pictures made by the participants in the event. Besides painting, several posters reflected the novelty of themes and concepts to observe the role play and significance of student hood worldwide.

Glimpse of the Event



Debate Competition

Date: 17.02.2023

Venue: Auditorium

The Literary Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has conducted a debate competition to encourage the students come up with confidence and share their opinions in open platform without any bias. The event was organized on 17th February, 2023 in the auditorium of the institute. Students were clubbed into groups to participate in the event however they were invited to speak individually in the selection rounds and countered each other in groups in the semi-final and final rounds. All the participants have brilliantly explained and interpreted the contexts of their topics and also have



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

equally countered their opponents with firmness of voice along with rational statements on valid points. Students were given certificates of appreciation for their clear representation of views and objectives as decided by the jury members based on their relevance of speaking on the motion.

Glimpse of the Event





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Yoga and Meditation Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
 (Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
 540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
 Phone: +91 22 25603889, 25603898, 65330375

International Yoga Day

Date: June 21, 2023

Location: College Campus

Objective: To encourage people to incorporate yoga into their daily routines, offer easily accessible and enjoyable yoga sessions.

Overview:

Yoga is a mind-body practice that combines physical poses, controlled breathing, and meditation or relaxation. Yoga may help reduce stress, lower blood pressure and lower your heart rate. And almost anyone can do it. In this transition time, from new normal to normal life we know mental wellbeing is as important as physical wellbeing. After all, the mind can accomplish things we would physically not expect.

The Yoga and Meditation Club of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in collaboration with Patanjali Yog Shivr arranged a One Day yoga Camp at College Campus on 21st June, 2023. In the camp, the students, faculty members and other members of SurTech along with our respected Director Sir and Principal Sir participated enthusiastically for wellness and meditation sessions, as well as an active yoga session, conducted by Patanjali Yog Shivr- Madam Kanchanji Jaiswal and Madam Manju ji. The students were taught the right way to practice Yoga postures to ensure release of stress and toxins from the body and breathing exercises to ensure healthy respiratory systems and proper metabolism which are the main weapons against the deadly pandemic. After each meditative session, the benefits of meditation and how to meditate were taught. Similarly, after every asana, its benefits, its pros and cons were discussed in detail by the instructors.

Event Outcomes

- Participants had a deeper comprehension of the physical, mental, and psychological advantages of yoga, which enhanced public awareness of the practice.
- By providing useful information and methods for incorporating yoga and meditation into daily activities, the lectures and Q&A sessions assisted in bridging the conceptual gap between theory and practice.

A glimpse of the participation of students on International Yoga Day



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Sports Club



Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Football Tournament

Date: 26/08/2022

Venue: College Ground

No of Participants: 120

Objective: To learn how to put together all your skill sets to compete and contribute to a team

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized a Football Tournament on 26/08/2022. The tournament was inaugurated by Hon'ble Principal Sir. The tournament was full of passing, saves, defensive works, skills, ball controls. Our Honorable Principal Sir awarded the winners and runners-up at the end of the football tournament.

Outcome of the Event: Teamwork, leadership skill, man management were the key aspects of this tournament.

Few glimpses of the tournament





Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex
(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)
540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074
Phone: +91 22 25603889, 25603898, 65330375

Table Tennis Tournament

Date: 02/11/2022

Venue: Common Room

No of Participants: 64

Objective: To acquire the necessary skills to compete and make a better player

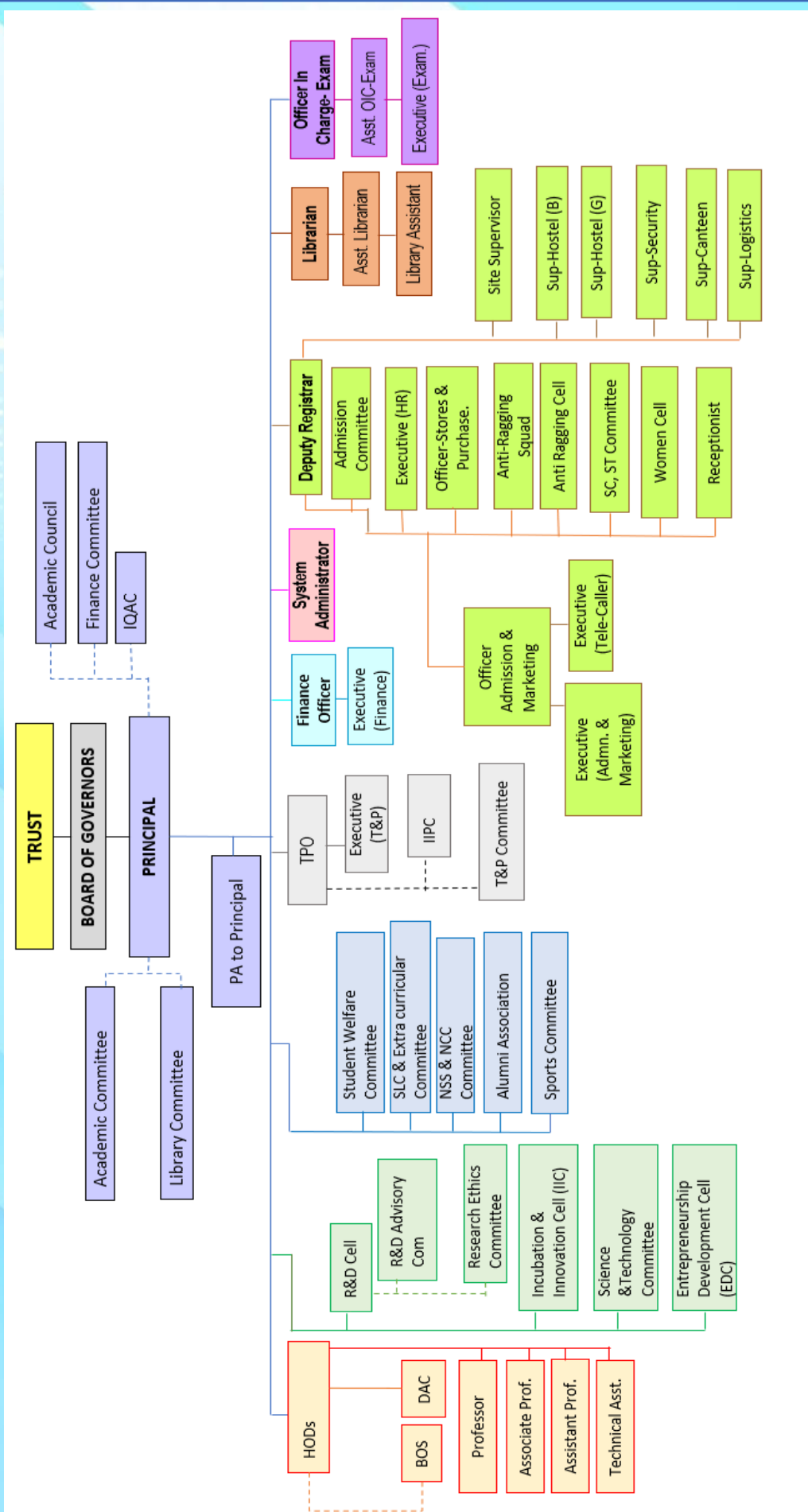
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex has organized a Table Tennis Tournament on 02/11/2022. The tournament was inaugurated by Hon'ble

Principal Sir. The tournament was full of amazing rallies, returns, and defensive works. Honorable Principal Sir presented the winners and runners-up with trophies and medals at the end of the tournament.

Outcome of the Event: Competitive mindset, patience were the key highlights of this tournament. Few glimpses of the tournament



Institutional Organogram



Administrative Heads



Prof. (Dr.) Saradindu Panda
Principal

**Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex**



Ms. Dazy Rani
Assistant Registrar

**Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex**



Mr. Vivek Shaw
Controller of examination
**Dr. Sudhir Chandra Sur Institute of
Technology and Sports Complex**

Departmental Heads

Serial No.	Name	Designation	Name of the Department
1	Dr. Sk Tanbir Islam	Associate Professor	AUE
2	Dr. Himadri Biswas	Professor	CSE
3	Dr. Sujoy Saha	Professor	ME
4	Dr. Abhigyan Ganguly	Associate Professor	ECE
5	Dr. Dipankar Das	Professor	BSH
6	Dr. Sayantan Chakraborty	Associate Professor	EE
7	Dr. Biswabandhu Chatterjee	Associate Professor	CE

Admission Report

Programme Name	Programme Code	No. of seats sanctioned	No. of Students Admitted
B.Tech. Computer Science and Engineering	CSE(001)	180	180
B.Tech. Electronics & Communication Engineering	ECE(003)	60	57
B.Tech. Electrical Engineering	EE(016)	30	22
B.Tech. Civil Engineering	CE(013)	60	56
B.Tech. Mechanical Engineering	ME(007)	30	27
B.Tech. Automobile Engineering	AUE(032)	60	48
B.Tech. Computer Science and Engineering (Artificial Intelligence And Machine Learning)	CSE(AI&ML)	60	60
B.Tech. Computer Science and Engineering (Lateral Entry)	CSE (Lateral Entry) 001	18	18
B.Tech. Electronics & Communication Engineering (Lateral Entry)	ECE (Lateral Entry) 003	6	3
B.Tech. Electrical Engineering (Lateral Entry)	EE (Lateral Entry) 016	6	3
B.Tech. Civil Engineering (Lateral Entry)	CE (Lateral Entry) 013	6	4
B.Tech. Mechanical Engineering (Lateral Entry)	ME (Lateral Entry) 007	3	8
B.Tech. Automobile Engineering (Lateral Entry)	AUE (Lateral Entry) 032	6	5
B.Tech. Robotics Engineering (Lateral Entry)	Robotics (Lateral Entry) 320	3	3
M.Tech. Mechanical Engineering	M.Tech. ME(124)	18	10
M.Tech. Communication Engineering	M.Tech. ECE(705)	9	5

Scholarship

SCHOLARSHIP SCHEME 2022-23 (Provided by the Institute)

Alumni Scholarship for M.Tech. Students

- Scholarship of @20% on tuition fee (Rs.2,00,000 for 2 years, total course fee is Rs.2,25,600 for 2022 -23) i.e Rs.10,000/ per semester is applicable only to the students who have completed their B.Tech. Course (General or Lateral Entry) from any of the following institutions:
JISCE
NIT
GNIT
AEC
GKCEM
- Students having qualified scores in GATE are eligible for availing **PG Scholarship** provides by the AICTE.

Alumni Scholarship for B.Tech. Lateral Entry Students

- **For Internal Student** - Scholarship of Rs.60,000/- @ Rs.10,000/- per semester (on Tuition fee is Rs.2,52,000, total course fee is 2,92,650 for 2022-23) is applicable only to the students who have completed their three year Diploma course from any of the following institutions:
JISSP
JISCE NIT
GNIT AEC
GKCEM (JV)
- **For Internal and External Student** - Scholarship of 36.77% Fees waiver per semester (on Tuition fee i.e. Rs.2,52,000, total course fee is 2,92,650, for 2022-23) is applicable for the internal and external students taking admission in B.Tech. Lateral Entry course in core streams.

Scholarship for Tripura State Residentials B.Tech. Lateral Entry Student

Students of Tripura residentials are eligible for availing Scholarship total of Rs 40000/- (on Tuition fee of Rs. 252000, total course fee Rs. 292650/- for 2022-23)

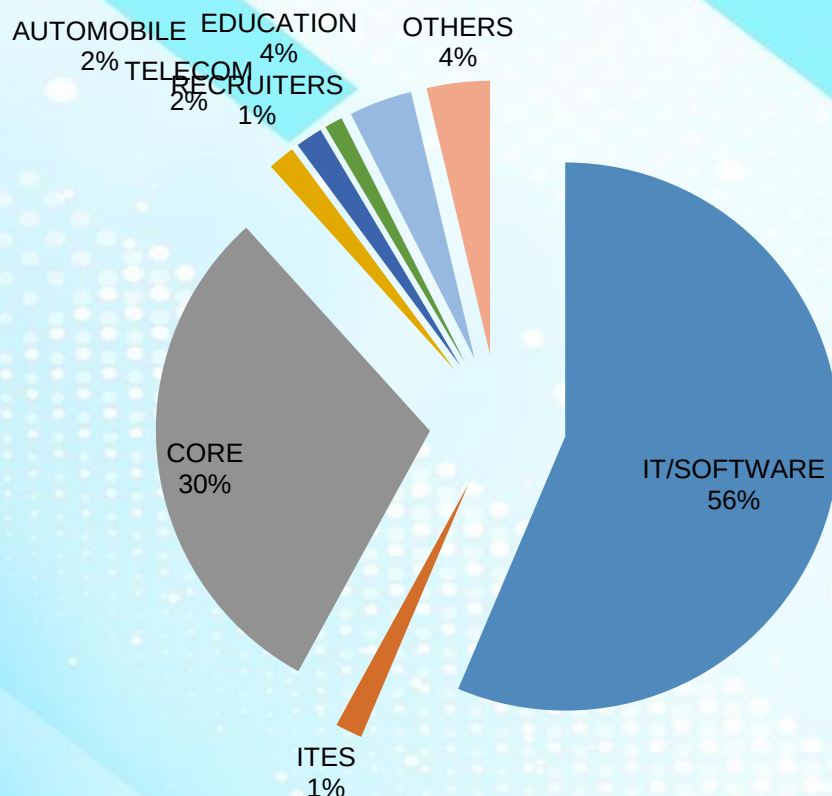
Scholarship

Other Scholarship Schemes

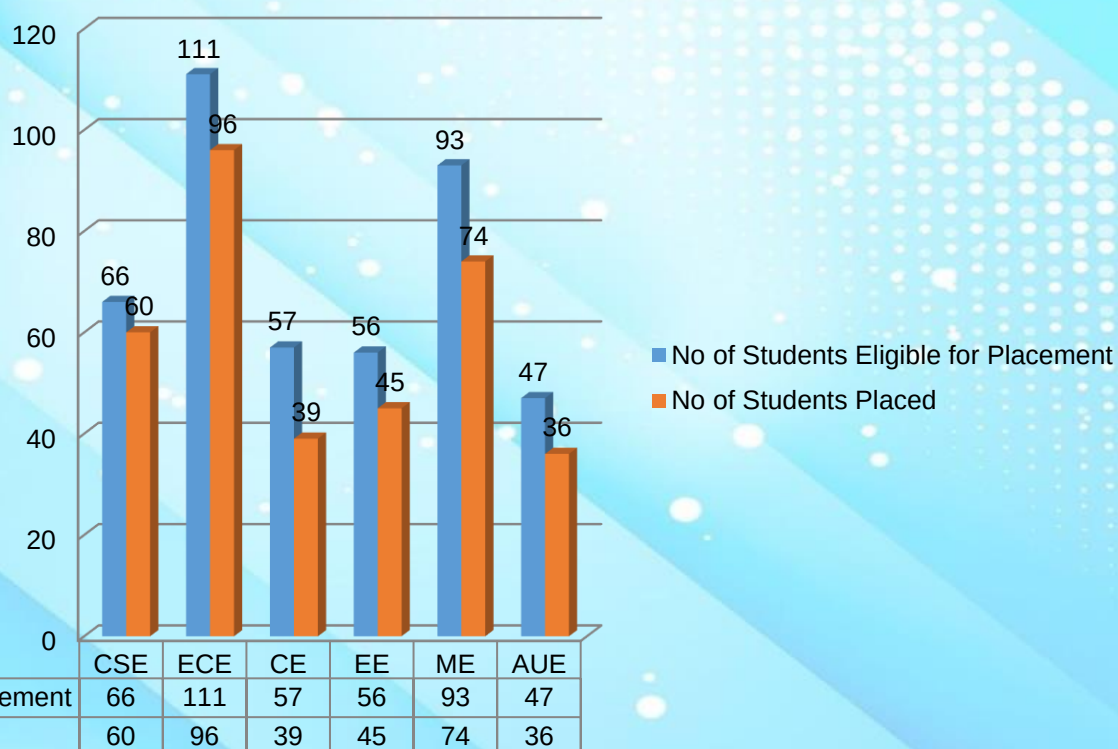
- Students belonging to **Sikh Minority** are eligible for availing special scholarship.
- Students are eligible to get **Half/Full freeship** (on Tuition Fee) having valid financial issues.
- **Sibling Scholarship** of 20% on the tuition fee is applicable to the immediate sibling of existing and former students.
- Children/immediate sibling of the permanent Employees working in any of the unit of JIS Group and worked minimum of 3 years of continuous are entitled to get **Employee Scholarship** and the scholarship percentage shall be determined upon the tenure of service in such case.
- **Girls students**, those who secured higher marks are eligible to get **Merit Scholarship**
- Students having higher marks, admitted in **Core branches** like ECE, EE, CE, ME, AUE, Robotics are entitled to get scholarship.
- Students from any stream, secured higher marks are eligible to get **Merit-cum-Means** Scholarship
- Students having TFW Rank in WBJEE and get allotted through Counselling are entitled to get **Tuition Fee Waiver** i.e. entire Tuition fees are waived off from the total requisite fees

Training & Placement

Sectorwise Placement 2023



Placement Status 2023



Training & Placement

Details of placement of outgoing students during AY 2022-23

Sl. No.	Name of student placed	Stream	Year of graduation	Name of the employer	Pay package at appointment (in Lakhs)
1	Abhishek Mukherjee	AUE(BTECH)	2023	TCS	3.37
2	Ankush Basack	AUE(BTECH)	2023	Bajaj Auto	2.4
3	Arghyadip Bhowmick	AUE(BTECH)	2023	QH Talbros	2.16
4	Arijit Saha	AUE(BTECH)	2023	Planet Spark	7.23
5	Bidyut Roy	AUE(BTECH)	2023	Tata AIG	2.4
6	Debrup Rakshit	AUE(BTECH)	2023	Bajaj Auto	2.4
7	Diptanu Dutta	AUE(BTECH)	2023	QH Talbros	2.16
8	Jibitesh Biswas	AUE(BTECH)	2023	Asahi Glass India	3.6
9	Kundan Sharma	AUE(BTECH)	2023	Bengal Speed Automobiles Pvt Ltd	2.88
10	Md Naushad Alam	AUE(BTECH)	2023	Tata AIG	2.4
11	Neha Kumari Singh	AUE(BTECH)	2023	Edustation	3.84
12	Prantik Rakshit	AUE(BTECH)	2023	Asahi Glass India	3.6
13	Puspendra Kumar	AUE(BTECH)	2023	Codersdata	1.8
14	Rathindranath Biswas	AUE(BTECH)	2023	Asahi Glass India	3.6
15	Ravinesh Sharma	AUE(BTECH)	2023	Artech Infosystem	4.68
16	Ritabrata Chakrabarti	AUE(BTECH)	2023	Codersdata	1.8
17	Rohit Yadav	AUE(BTECH)	2023	QH Talbros	2.16
18	Rudra Som Dutta	AUE(BTECH)	2023	QH Talbros	2.16
19	Sajal Mondal	AUE(BTECH)	2023	Tata AIG	2.4
20	Salil Pramanick	AUE(BTECH)	2023	Bengal Speed Automobiles Pvt Ltd	2.88
21	Saptarshi Banik	AUE(BTECH)	2023	Bengal Speed Automobiles Pvt Ltd	2.88
22	Sayan Roy	AUE(BTECH)	2023	Codersdata	1.8
23	Sayan Sadhu	AUE(BTECH)	2023	Bajaj Auto	2.4
24	Shankha Mukherjee	AUE(BTECH)	2023	Asahi Glass India	3.6
25	Shibashis Nag	AUE(BTECH)	2023	QH Talbros	2.16
26	Snehasis Dey	AUE(BTECH)	2023	QH Talbros	2.16
27	Soujit Banerjee	AUE(BTECH)	2023	Bengal Speed Automobiles Pvt Ltd	2.88
28	Soumadip Mukherjee	AUE(BTECH)	2023	Planet Spark	7.23
29	Sourav Ghosh	AUE(BTECH)	2023	Bajaj Auto	2.4
30	Sourav Kuri	AUE(BTECH)	2023	Tata AIG	2.4
31	Souvik Bairagi	AUE(BTECH)	2023	Artech Infosystem	4.68

Training & Placement

32	Subhadeep Bhunia	AUE(BTECH)	2023	Bengal Speed Automobiles Pvt Ltd	2.88
33	Subhajit Nandy	AUE(BTECH)	2023	QH Talbros	2.16
34	Sujit Das	AUE(BTECH)	2023	QH Talbros	2.16
35	Susanta Sau	AUE(BTECH)	2023	Bajaj Auto	2.4
36	Tarak Das	AUE(BTECH)	2023	Tata AIG	2.4
37	Akash Raj	CE(BTECH)	2023	VV Autotest	4.2
38	Amit Kumar	CE(BTECH)	2023	ACC Ltd.	3.12
39	Asha Jana	CE(BTECH)	2023	KEC International	4
40	Bishal Dey	CE(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.87
41	Chandan Roy	CE(BTECH)	2023	Maruti Concrete (RMC)	1.8
42	Debadri Saha	CE(BTECH)	2023	Pinnacle Infotech	2.4
43	Hritodip Chatterjee	CE(BTECH)	2023	Pinnacle Infotech	2.4
44	Kashmita Nath Sarkar	CE(BTECH)	2023	KEC International	4
45	Manabendra Barman	CE(BTECH)	2023	VV Autotest	4.2
46	Mohar Das	CE(BTECH)	2023	Edustation	3.84
47	Moumita Samanta	CE(BTECH)	2023	KEC International	4
48	Mrinmoy Chowdhury	CE(BTECH)	2023	ACC Ltd.	3.12
49	Nabajit Ghosh	CE(BTECH)	2023	ACC Ltd.	3.12
50	Naim Ahamed	CE(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.87
51	Nidhi Jha	CE(BTECH)	2023	KEC International	4
52	Niranjan Maji	CE(BTECH)	2023	Lakshmi Agni Component Forgings	3.84
53	Oindrilla Halder	CE(BTECH)	2023	True Scale Engineering	1.8
54	Pintu Kuili	CE(BTECH)	2023	True Scale Engineering	1.8
55	Pousali Bhattacharjee	CE(BTECH)	2023	Pinnacle Infotech	2.4
56	Pranab Pal	CE(BTECH)	2023	VV Autotest	4.2
57	Prasenjit Kumar Chatterjee	CE(BTECH)	2023	Lakshmi Agni Component Forgings	3.84
58	Prithwiraaj Sarkar	CE(BTECH)	2023	Vansh Construction	2.4
59	Priyanka Oraon	CE(BTECH)	2023	True Scale Engineering	1.8
60	Prolay Manna	CE(BTECH)	2023	Marbel Box LLP	3
61	Prosanta Mitra	CE(BTECH)	2023	Pinnacle Infotech	2.4
62	Pushan Poddar	CE(BTECH)	2023	TCS	3.37
63	Raj Kumar Sahu	CE(BTECH)	2023	Vansh Construction	2.4
64	Rajarshi Bhattacharyya	CE(BTECH)	2023	Edustation	3.84
65	Rakesh Guha	CE(BTECH)	2023	Marbel Box LLP	3
66	Ranita Dey	CE(BTECH)	2023	Marbel Box LLP	3
67	Raunak Bhattacharya	CE(BTECH)	2023	Pinnacle Infotech	2.4

Training & Placement

68	Rishav Haldar	CE(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.87
69	Samir Sarfaraj	CE(BTECH)	2023	VV Autotest	4.2
70	Sanglap Paul Chowdhury	CE(BTECH)	2023	Lakshmi Agni Component Forgings	3.84
71	Sidharth Kumar	CE(BTECH)	2023	Edustation	3.84
72	Soumyadip Kar	CE(BTECH)	2023	VV Autotest	4.2
73	Sudipta Bhowmick	CE(BTECH)	2023	Gannon Dunkerley & Co., Ltd	3.7
74	Suvam Paul	CE(BTECH)	2023	VV Autotest	4.2
75	Tanusree Chakraborty	CE(BTECH)	2023	TCS	3.37
76	Abir Bhattacharjee	CSE(BTECH)	2023	UST Blue Coanch	4.5
77	Aditya Narayan Das	CSE(BTECH)	2023	Capgemini	4.25
78	Aindrila Das	CSE(BTECH)	2023	EY India	6.48
79	Amisha Chattaraj	CSE(BTECH)	2023	EY India	6.48
80	Annu Jha	CSE(BTECH)	2023	Codersdata	1.8
81	Arijit Banerjee	CSE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
82	Arpita Guria	CSE(BTECH)	2023	IBS Software	4
83	Ashish Kumar	CSE(BTECH)	2023	Edustation	3.84
84	Ashish Ranjan	CSE(BTECH)	2023	Tech Mahindra	3.25
85	Ayush Kumar	CSE(BTECH)	2023	Optum	5.16
86	Bhabatosh Sarkar	CSE(BTECH)	2023	Hexaware	4
87	Budhaditya Mazumdar	CSE(BTECH)	2023	Capgemini	4.25
88	Debajyoti Saha	CSE(BTECH)	2023	Hexaware	4
89	Debopam Das	CSE(BTECH)	2023	EY India	6.48
90	Deepayan Khatua	CSE(BTECH)	2023	Optum	5.16
91	Deepi Ranjan Routh	CSE(BTECH)	2023	Alpine Health LLC	4.2
92	Girish Chandra Mahato	CSE(BTECH)	2023	Mantra Labs	5
93	Joy Saha	CSE(BTECH)	2023	Hexaware	4
94	Kousik Debnath	CSE(BTECH)	2023	IBS Software	4
95	Mohit Seth	CSE(BTECH)	2023	Capgemini	4.25
96	Mohona Bhattacharya	CSE(BTECH)	2023	TCS	3.37
97	Nilayan Dhar	CSE(BTECH)	2023	Mantra Labs	5
98	Pralay Krishna Pramanik	CSE(BTECH)	2023	UST Blue Coanch	4.5
99	Pratik Sett	CSE(BTECH)	2023	TCS	3.37
100	Pratiksha Ghosh	CSE(BTECH)	2023	Hexaware	4
101	Pratyay Roy	CSE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2

Training & Placement

102	Prayas Basu	CSE(BTECH)	2023	Hexaware	4
103	Prince Kumar Sharma	CSE(BTECH)	2023	TCS	3.37
104	Pushpanjoy Sharma	CSE(BTECH)	2023	Amazon	10.16
105	Riddhiman Ghosh	CSE(BTECH)	2023	Paperlink	1.96
106	Rishin Halder	CSE(BTECH)	2023	Hexaware	4
107	Riya Dutta	CSE(BTECH)	2023	Edustation	3.84
108	Rouhish Ray	CSE(BTECH)	2023	Marbel Box LLP	3
109	Rupam Sarkar	CSE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
110	Saikat Biswas	CSE(BTECH)	2023	Greenwave Solution	3.52
111	Sangeeta Pain	CSE(BTECH)	2023	TCS	3.37
112	Saptarshi Sen	CSE(BTECH)	2023	Hexaware	4
113	Sayan Chakraborty	CSE(BTECH)	2023	Capgemini	4.25
114	Sayan Mullick	CSE(BTECH)	2023	Mantra Labs	5
115	Sayani Dutta	CSE(BTECH)	2023	TCS	3.37
116	Sayantani Dutta	CSE(BTECH)	2023	Capgemini	4.25
117	Shouvik Biswas	CSE(BTECH)	2023	TCS	3.37
118	Shreya Manna	CSE(BTECH)	2023	Greenwave Solution	3.52
119	Shrijita Karmakar	CSE(BTECH)	2023	Edustation	3.84
120	Shubham Jaiswal	CSE(BTECH)	2023	Capgemini	4.25
121	Shulakshana Chowdhury	CSE(BTECH)	2023	TCS	3.37
122	Snehasree Dey	CSE(BTECH)	2023	Edustation	3.84
123	Soham Mukherjee	CSE(BTECH)	2023	Edustation	3.84
124	Arup Pradhan	CSE(BTECH)	2023	Optum	5.16
125	Sohini Chakraborty	CSE(BTECH)	2023	Capgemini	4.25
126	Soumadyuti Patra	CSE(BTECH)	2023	Capgemini	4.25
127	Soumyadip Das	CSE(BTECH)	2023	Tech Mahindra	3.25
128	Srijita Shil	CSE(BTECH)	2023	Codersdata	1.8
129	Sukanya Saha	CSE(BTECH)	2023	EY India	6.48
130	Suman Thakur	CSE(BTECH)	2023	Capgemini	4.25
131	Sunny Upadhyay	CSE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
132	Suraj Shaw	CSE(BTECH)	2023	Greenwave Solution	3.52
133	Suryadeep Roy	CSE(BTECH)	2023	Greenwave Solution	3.52
134	Sushmita Sur	CSE(BTECH)	2023	Schneider Electric	4.75
135	Tredipta Mondal	CSE(BTECH)	2023	Codersdata	1.8
136	Abhijeet Anand	ECE(BTECH)	2023	Ericsson	4.16
137	Abhinandan Mukherjee	ECE(BTECH)	2023	Hexaware	4
138	Abhishek Dutta	ECE(BTECH)	2023	Quality Kiosk Technology	3.5
139	Abir Biswas	ECE(BTECH)	2023	AMPS	2.4

Training & Placement

140	Akash Gupta	ECE(BTECH)	2023	Capgemini	4.25
141	Alekhyia Shee	ECE(BTECH)	2023	Ericsson	4.16
142	Anikesh Singh	ECE(BTECH)	2023	Ericsson	4.16
143	Anirban Chakraborty	ECE(BTECH)	2023	Hexaware	4
144	Arindam Nag	ECE(BTECH)	2023	Ericsson	4.16
145	Ashwani Kumar Singh	ECE(BTECH)	2023	Capgemini	4.25
146	Basabdatta Chaudhury	ECE(BTECH)	2023	Greenwave Solution	3.52
147	Bishal Maji	ECE(BTECH)	2023	Innoraft	4.8
148	Biswadeep Banerjee	ECE(BTECH)	2023	Ericsson	4.16
149	Debanjali Dutta	ECE(BTECH)	2023	Wipro Technology	3.5
150	Debashree Paul	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
151	Debojit Sinha	ECE(BTECH)	2023	ARC Document Solutions Pvt. Ltd.	4
152	Debojyoti Bhattacharjee	ECE(BTECH)	2023	Labvantage	4.5
153	Debojyoti Dutta	ECE(BTECH)	2023	Codersdata	1.8
154	Deep Raj Panda	ECE(BTECH)	2023	Ericsson	4.16
155	Gunjan Sen	ECE(BTECH)	2023	Quality Kiosk Technology	3.5
156	Hirak Jyoti Chakraborty	ECE(BTECH)	2023	Greenwave Solution	3.52
157	Ishan Chatterjee	ECE(BTECH)	2023	Hexaware	4
158	Jaya Ghosh	ECE(BTECH)	2023	Ericsson	4.16
159	Jayant Bhansali	ECE(BTECH)	2023	Labvantage	4.5
160	Jnnanankur Chatterjee	ECE(BTECH)	2023	Ericsson	4.16
161	Joyeta Raha	ECE(BTECH)	2023	Labvantage	4.5
162	Kalyanjit Das	ECE(BTECH)	2023	Harman Kardon	5
163	Kautuk Kumar Thakur	ECE(BTECH)	2023	Embee Software	2.24
164	Krishna Kumar Rajneesh	ECE(BTECH)	2023	Artech Infosystem	4.68
165	Krishnendu Samanta	ECE(BTECH)	2023	Ericsson	4.16
166	Kunal Dhar	ECE(BTECH)	2023	Harman Kardon	5
167	Madhurima Das	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
168	Mainak Saha	ECE(BTECH)	2023	TCS	3.37
169	Mehtab Mullick	ECE(BTECH)	2023	Ericsson	4.16
170	Moul Sarkar	ECE(BTECH)	2023	Ericsson	4.16
171	Moumita Mukherjee	ECE(BTECH)	2023	TCS	3.37
172	Moumita Saha	ECE(BTECH)	2023	Ericsson	4.16
173	Munai Das	ECE(BTECH)	2023	Optum	5.16

Training & Placement

174	Narendra Nath Singh	ECE(BTECH)	2023	ARC Document Solutions Pvt. Ltd.	4
175	Nayna Basu	ECE(BTECH)	2023	IBS Software	4
176	Niazul Azim	ECE(BTECH)	2023	Artech Infosystem	4.68
177	Nikita Debnath	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
178	Nisha Singh	ECE(BTECH)	2023	ITC Infotech	4.25
179	Paramita Kundu	ECE(BTECH)	2023	Mantra Labs	5
180	Parantika Ghosh	ECE(BTECH)	2023	TCS	3.37
181	Piyas Mondal	ECE(BTECH)	2023	ITC Infotech	4.25
182	Pratiti Bhowmick	ECE(BTECH)	2023	Quality Kiosk Technology	3.5
183	Prince Babu Singh	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
184	Priyanka Biswas	ECE(BTECH)	2023	Greenwave Solution	3.52
185	Priyanka Dutta	ECE(BTECH)	2023	UST Blue Conch	4.5
186	Radhika Gupta	ECE(BTECH)	2023	Hexaware	4
187	Rahul Hazari	ECE(BTECH)	2023	IBS Software	4
188	Rajarshi Chakraborty	ECE(BTECH)	2023	Greenwave Solution	3.52
189	Rajarshi Sarkar	ECE(BTECH)	2023	ARC Document Solutions Pvt. Ltd.	4
190	Ranabir Mukherjee	ECE(BTECH)	2023	Codersdata	1.8
191	Ria Pathak	ECE(BTECH)	2023	Ericsson	4.16
192	Rivu Layek	ECE(BTECH)	2023	AMPS	2.4
193	Sagarmoy Banerjee	ECE(BTECH)	2023	Optum	5.16
194	Sagnik Banerjee	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
195	Sandip Mandal	ECE(BTECH)	2023	Mantra Labs	5
196	Satarupa Kanjilal	ECE(BTECH)	2023	Artech Infosystem	4.68
197	Satyam Bandhu Karyee	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
198	Sayan Goswami	ECE(BTECH)	2023	Codersdata	1.8
199	Sayan Halder	ECE(BTECH)	2023	AMPS	2.4
200	Sayani Samanta	ECE(BTECH)	2023	Mantra Labs	5
201	Sayantani Ghosh	ECE(BTECH)	2023	ITC Infotech	4.25
202	Sayantani Jana	ECE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
203	Shayantika Dhar	ECE(BTECH)	2023	ARC Document Solutions Pvt. Ltd.	4
204	Shuvankar Sarkar	ECE(BTECH)	2023	Greenwave Solution	3.52
205	Silpa Nath	ECE(BTECH)	2023	Ericsson	4.16
206	Sita Ram Tiwari	ECE(BTECH)	2023	Labvantage	4.5

Training & Placement

207	Sneha Dubey	ECE(BTECH)	2023	TCS	3.37
208	Snehangshu Das	ECE(BTECH)	2023	Capgemini	4.25
209	Snehashis Banik	ECE(BTECH)	2023	Hexaware	4
210	Soni Kumari	ECE(BTECH)	2023	Greenwave Solution	3.52
211	Soumita Maity	ECE(BTECH)	2023	Hexaware	4
212	Soumya Halder	ECE(BTECH)	2023	Codersdata	1.8
213	Soupal Kundu	ECE(BTECH)	2023	Quality Kiosk Technology	3.5
214	Sourav Das	ECE(BTECH)	2023	TCS	3.37
215	Sourav Patra	ECE(BTECH)	2023	Hexaware	4
216	Srishti Mishra	ECE(BTECH)	2023	Mantra Labs	5
217	Subhasree Maity	ECE(BTECH)	2023	Embee Software	2.24
218	Sumit Saha	ECE(BTECH)	2023	IBS Software	4
219	Sunai Das	ECE(BTECH)	2023	Hexaware	4
220	Sunil Choubey	ECE(BTECH)	2023	Siechem Technologies Private Ltd.	2.45
221	Sunip Das	ECE(BTECH)	2023	Labvantage	4.5
222	Swarnava Kundu	ECE(BTECH)	2023	Capgemini	4.25
223	Tannishtha Ghosh	ECE(BTECH)	2023	Ericsson	4.16
224	Tathagata Ganguly	ECE(BTECH)	2023	Optum	5.16
225	Trikoma Biswas	ECE(BTECH)	2023	Ericsson	4.16
226	Vipul Kumar	ECE(BTECH)	2023	Ericsson	4.16
227	Arindam Paul	ECE(MTECH)	2023	Ericsson	4.16
228	Monalisa Ghosh	ECE(MTECH)	2023	Optum	5.16
229	Shouvik Sanyal	ECE(MTECH)	2023	Mantra Labs	5
230	Sukalyan Kundu	ECE(MTECH)	2023	Mantra Labs	5
231	Tanusree Banerjee	ECE(MTECH)	2023	IBS Software	4
232	Abhik Mitra	EE(BTECH)	2023	Harman Kardon	5
233	Abhisekh Pal Chowdhury	EE(BTECH)	2023	Pinnacle Infotech	2.4
234	Adrija Dasgupta	EE(BTECH)	2023	Greenwave Solution	3.52
235	Amartya Chowdhury	EE(BTECH)	2023	Verzeo	2.85
236	Anish Das	EE(BTECH)	2023	Codersdata	1.8
237	Antara Basu	EE(BTECH)	2023	Harman Kardon	5
238	Anup Ghosh	EE(BTECH)	2023	Byjus	5
239	Arijit Modak	EE(BTECH)	2023	Codersdata	1.8
240	Arindam Das	EE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
241	Aritra Dasgupta	EE(BTECH)	2023	Capgemini	4.25
242	Biswajit Mandal	EE(BTECH)	2023	Integers Telecom Services Inc	3

Training & Placement

243	Dhiraj Singh	EE(BTECH)	2023	Integers Telecom Services Inc	3
244	Diganta Basu	EE(BTECH)	2023	Codersdata	1.8
245	Dilip Patra	EE(BTECH)	2023	Edustation	3.84
246	Dipankar Das	EE(BTECH)	2023	Greenwave Solution	3.52
247	Ejaj Ahmed	EE(BTECH)	2023	ANG India	2.16
248	Jeet Sikder	EE(BTECH)	2023	Pinnacle Infotech	2.4
249	Kajal Das	EE(BTECH)	2023	TCS	3.37
250	Kamrul Zama	EE(BTECH)	2023	KEC International	4
251	Kingshuk Mandal	EE(BTECH)	2023	Pinnacle Infotech	2.4
252	Lipika Kumar	EE(BTECH)	2023	Ericsson	4.16
253	Mahesh Chandra	EE(BTECH)	2023	KEC International	4
254	Mayurakshi Ghoshal	EE(BTECH)	2023	ANG India	2.16
255	Md Kadir Molla	EE(BTECH)	2023	KEC International	4
256	Md Nazmul Haque	EE(BTECH)	2023	KEC International	4
257	Meshba Uddin Sk	EE(BTECH)	2023	Integers Telecom Services Inc	3
258	Moloy Kumar Das	EE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
259	Mrinmay Barik	EE(BTECH)	2023	TCS	3.37
260	Nikita Sarker	EE(BTECH)	2023	Pinnacle Infotech	2.4
261	Nita Saha	EE(BTECH)	2023	Verzeo	2.85
262	Partha Patra	EE(BTECH)	2023	Edustation	3.84
263	Rajarshi Saha	EE(BTECH)	2023	Edustation	3.84
264	Rishija Bhattacharya	EE(BTECH)	2023	SmartBrains Engineers & Technology Pvt. Ltd.	2.2
265	Rita Basu	EE(BTECH)	2023	Capgemini	4.25
266	Ritwika Saha	EE(BTECH)	2023	Pinnacle Infotech	2.4
267	Rohit Das	EE(BTECH)	2023	CTS	4.02
268	Saheli Saha	EE(BTECH)	2023	Edustation	3.84
269	Sayan Banerjee	EE(BTECH)	2023	ANG India	2.16
270	Soham Bera	EE(BTECH)	2023	Byjus	5
271	Souvik Sarkar	EE(BTECH)	2023	Codersdata	1.8
272	Suman Maity	EE(BTECH)	2023	Embee Software	2.24
273	Tanmay Debnath	EE(BTECH)	2023	ANG India	2.16
274	Tapas Duari	EE(BTECH)	2023	Embee Software	2.24
275	Vishal Singha	EE(BTECH)	2023	Byjus	5
276	Yash Das	EE(BTECH)	2023	Greenwave Solution	3.52
277	Abhirup Chatterjee	ME(BTECH)	2023	KEC International	4
278	Ankan Datta	ME(BTECH)	2023	Codersdata	1.8
279	Ankit Kumar Singh	ME(BTECH)	2023	Medtronics	3.6
280	Arindam Debnath	ME(BTECH)	2023	AB Polypacks	3
281	Arnab Hazra	ME(BTECH)	2023	Chegg India	4.5
282	Asijit Ghosh	ME(BTECH)	2023	Amazon	2.4

Training & Placement

283	Avishek Chakraborty	ME(BTECH)	2023	Codersdata	1.8
284	Ayan Kumar Chandra	ME(BTECH)	2023	Chegg India	4.5
285	Banhi Das Gupta	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
286	Bhaskar Paul	ME(BTECH)	2023	TCS	3.37
287	Biroja Sankar Bhattacharya	ME(BTECH)	2023	Medtronics	3.6
288	Bishal Bhusan Ghosh	ME(BTECH)	2023	Rivigo	3
289	Bitan Saha	ME(BTECH)	2023	Codersdata	1.8
290	Debarshi Ghosh Dastidar	ME(BTECH)	2023	Rajsriya Automotive	2.4
291	Debasish Chowdhury	ME(BTECH)	2023	Pinnacle Infotech	2.4
292	Debasish Dey	ME(BTECH)	2023	Amazon	2.4
293	Dipayan Kumar Chaki	ME(BTECH)	2023	AB Polypacks	3
294	Gouranga Pal	ME(BTECH)	2023	JSW	5.5
295	Indrajit Bhattacharyya	ME(BTECH)	2023	Rahee Infratech	1.96
296	Indrajit Mitra	ME(BTECH)	2023	Byjus	5
297	Indranil Halder	ME(BTECH)	2023	TCS	3.37
298	Kumar Kishan Deb	ME(BTECH)	2023	Rahee Infratech	1.96
299	Kuntal Biswas	ME(BTECH)	2023	Debson Pump	2.4
300	Md Abu Mubashir Haider	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
301	Md Faisal Gaziani	ME(BTECH)	2023	Rajsriya Automotive	2.4
302	Md Irfan Faruque	ME(BTECH)	2023	Rivigo	3
303	Md.Shamshad Alam	ME(BTECH)	2023	Medtronics	3.6
304	Mentor Dhabal	ME(BTECH)	2023	Debson Pump	2.4
305	Mrinmay Samanta	ME(BTECH)	2023	Pinnacle Infotech	2.4
306	Navnesh Ranjan	ME(BTECH)	2023	JSW	5.5
307	Pabitra Patra	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
308	Pamela Das	ME(BTECH)	2023	Rajsriya Automotive	2.4
309	Pinaki Dash	ME(BTECH)	2023	Rajsriya Automotive	2.4
310	Prabhat Kumar Chaudhary	ME(BTECH)	2023	Pinnacle Infotech	2.4
311	Prattya Guchait	ME(BTECH)	2023	Vedantu	3.3
312	Rahul Thami	ME(BTECH)	2023	Codersdata	1.8
313	Rakesh Maity	ME(BTECH)	2023	KEC International	4
314	Ratan Samanta	ME(BTECH)	2023	Pinnacle Infotech	2.4
315	Ritam Das	ME(BTECH)	2023	Rajsriya Automotive	2.4
316	Sagnik Das	ME(BTECH)	2023	AB Polypacks	3
317	Saikat Sarkar	ME(BTECH)	2023	Medtronics	3.6

Training & Placement

318	Sajib Das	ME(BTECH)	2023	Chegg India	4.5
319	Samit Sam	ME(BTECH)	2023	Medtronics	3.6
320	Sandip Bhowmick	ME(BTECH)	2023	Planet Spark	7.23
321	Sandip Pal	ME(BTECH)	2023	Debson Pump	2.4
322	Sanjay Jana	ME(BTECH)	2023	Pinnacle Infotech	2.4
323	Santanu Panja	ME(BTECH)	2023	Medtronics	3.6
324	Saptarsi Pal	ME(BTECH)	2023	Debson Pump	2.4
325	Satabdi Sarkar	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
326	Shounak Mitra	ME(BTECH)	2023	AB Polypacks	3
327	Shyam Lal Shaw	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
328	Sk Jasimuddin	ME(BTECH)	2023	AO Smith	3.07
329	Snehasish Dey	ME(BTECH)	2023	Codersdata	1.8
330	Soumya Kanti Nayak	ME(BTECH)	2023	Byjus	5
331	Soumyajit Sarkar	ME(BTECH)	2023	Rahee Infratech	1.96
332	Souvik Chakraborty	ME(BTECH)	2023	Rajsriya Automotive	2.4
333	Subhajit Konar	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
334	Subhodeep Paul	ME(BTECH)	2023	TCS	3.37
335	Subhradeep Saha	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
336	Tridib Chandra Kar	ME(BTECH)	2023	Pinnacle Infotech	2.4
337	Uttam Das	ME(BTECH)	2023	TCS	3.37
338	Vikash Kumar	ME(BTECH)	2023	Kinlong Hardware India Pvt. Ltd.	2.74
339	Yash Raj Singh	ME(BTECH)	2023	AB Polypacks	3
340	Bhaskar Dasgupta	ME(MTECH)	2023	Ewac	5
341	Debajyoti Manna	ME(MTECH)	2023	Narula Institute of Technology	2.63
342	Dilip Mazumder	ME(MTECH)	2023	VV AutoTest	4.2
343	Kanchan Mondal	ME(MTECH)	2023	VV AutoTest	4.2
344	Mriganka Nath	ME(MTECH)	2023	Narula Institute of Technology	2.63
345	Rahul Mukherjee	ME(MTECH)	2023	Prisam Johnson	4.5
346	Sanjay Mondal	ME(MTECH)	2023	Prisam Johnson	4.5
347	Sanjoy Mitra	ME(MTECH)	2023	Narula Institute of Technology	2.63
348	Soumyadip Karan	ME(MTECH)	2023	Greater Kolkata College of Engineering & Management	2.63
349	Suman Bhowmik	ME(MTECH)	2023	Ewac	5
350	Tufan Kumar Patra	ME(MTECH)	2023	JSW	5.5

Training & Placement

Higher Study					
Year	Name of student who enrolled for higher education	Program graduated from	Year of graduation	Name of institution joined	Name of program admitted to
2022-23	Swarnajyoti Paul	B.Tech in CE	2023	NIT Jamshedpur	M.Tech in Structural Engineering
	Anamika Rani	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Structural Engineering
	Soumi Ghosh	B.Tech in CE	2023	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Apurba Debnath	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Structural Engineering
	Apu Sarkar	B.Tech in CE	2023	Maulana Abul Kalam Azad University of Technology	M.Tech in Renewable Energy
	Indrani Dutta	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Geo-Technical Engineering
	Sudipta Maity	B.Tech in CE	2023	Maulana Abul Kalam Azad University of Technology	M.tech in GeoInformatics
	Aditya Saha	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Structural Engineering
	Rishav Haldar	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Structural Engineering
	Saheli Kundu	B.Tech in CE	2023	JIS College of Engineering	MBA
	Marian Jamatia	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Geo-Technical Engineering
	Sahana Ray	B.Tech in CE	2023	Narula Institute of Technology	M.Tech in Structural Engineering
	Rajesh Hazra	B.Tech in CE	2023	Maulana Abul Kalam Azad University of Technology	M.Tech in Renewable Energy
	Mainak Dutta	B.Tech in CE	2023	Camelia School of Engineering and Technology	M.Tech in Civil Engineering
	Stuti Dey	B.Tech in ECE	2023	JIS UNIVESRSITY	MBA
	Soumya Dhang	B.Tech in EE	2023	Maulana Abul Kalam Azad University Of Technology	M.Tech in Renewable Energy
	Sayandeep Das	B.Tech in EE	2023	University of Calcutta	M.Tech in Advanced Control and Measurement
	Tathagata Dey	B.Tech ME	2023	University of Calcutta	MBA
	Gautam Kumar Sah	B.Tech ME	2023	Swami Vivekanand university, Sagar (MP)	M Tech

Training & Placement

List of Some Reputed Recruiters













Construct
Certainty, with
Technology






DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Library Resources 2022-23

Library Resources

Library Services

The Library is an information resource center providing books, magazines, periodicals, and newspapers. Computers offer Internet access to online databases of full text periodicals and electronic books. The Library offers study rooms, course reserve materials, and photocopy machines.

The Library has more than 44,904 books (according to Accession Register), 04 Newspaper and 14 Journals and Magazines are purchased by the Library on regular basis. Besides these, 07 carrier oriented journals and 01 carrier oriented newspapers are purchased regularly for students so that they make prepare themselves for different competitive examinations. The Library, besides having a huge collection of books on engineering, science and humanities offers library services through its various Divisions.

Capable of accommodating 90 students, the DSCSITSC Library have CD-ROMS, E-journal, E-Books, magazines, Newspaper, B.O.G. reports, subject dictionaries, career guide books, ready references and previous years' question papers (Online + offline). The library provides a free and congenial atmosphere for sharing awareness, wisdom and information.

The whole Library is under the surveillance of CCTV.

Area: Total Carpet area 7346 sq.ft.

Library Opening Hours

Other than the holidays and Sundays, library remains opens on Monday to Friday: 8:00 a.m. to 8:00 p.m.

Saturday: 8:00 a.m.to 4:00 p.m.

Library Resources (Printed Document)

Text Books: 32,677

Reference Books: 12,227

Hard copy Journal & Magazine: 07 (Magazine) & 07 (Journals), Newspaper: 5 (4 Daily and 1 weekly)

Previous year question papers are also available in printed form.

E-Resources

E-books: 433

E-Journal: 203+

Database : More than 50,000+ Indexed Journals

CD/DVD: 90+

On-Line Text based Information for IEEE ASPP Online- Tier 3

203 no's of online E-journal are fully Downloadable

Library Resources

National Digital Library of India (Govt. of India)

Repository hosts contents for multiple subject domains like Technology, Science, Humanities, Agriculture and Others Repository integrates contents from different Indian Institutional repositories. NDLI is designed to hold content of any language and provide interface support for 10 most widely used Indian languages. The books are available in Indian languages. As the books are being scanned, it has provided an opportunity for developing the Optical Character Recognition (OCR) software of Indian languages. The objective is to collect and collate the metadata and provide a full-text index from various digital libraries, both domestic and international, as well as from other relevant sources. It is a digital repository containing articles, textbooks, audio books, videos, lectures, fiction, simulations and all other kinds of learning media.

Wiley E-Books

Library has Wiley e-book subscription. Wiley E-Book is an IP-based service. Total No. of E-Books Title - 433.

E-Books with FTP Server

Remote Access of the available E-books and other E-Study Materials in our library has been made through a FTP Server.

CD-DVD Corner

The audio, video and other digital documents are preserved in the DSCSITSC central Library, mainly in CDs and DVDs. These are accessioned as NB (Non Book). More than 90 CDs, DVDs are available in our collection on different subjects under the domain of Engineering.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Memorandum of Understanding (MoU) 2022-23

Memorandum of Understanding (MoU) 2022-23

Sl. No	Name of Company MoU With	Date	Nature of Collaboration
1	SUNNYRAY SOLUTION	29.07.2022	The Trainer Program, Student Internship, Seminar/Webinar etc.
2	ARANAX TECHNOLOGIES PVT. LMT	29.07.2022	Seminars/Webinars/Workshops, Internship and Training, Mentoring in student projects, FDP
3	SCRAPTECHIES SOLUTIONS PVT. LTD.	26.08.2022	Internship & Training, Project Work, Research work etc.
4	Mr. Subhan Chakraborty (SCRAPTECHIES SOLUTIONS PVT. LTD)	21.10.2022	Internship & Training, Project Work, Research work etc.
5	KALYANI GOVERNMENT ENGINEERING COLLEGE, KALYANI, West Bengal	29.09.2022	Collaborative research activities, Seminar/Webinar, Faculty FDP etc.
6	EC-COUNCIL ACADEMIA	06.01.2023	Seminars/Webinars/Workshops, Internship and Training, Access to Cyber Security Project work
7	MSME, KOLKATA	20.04.2023	Project work, Training & Internship
8	LLP	04.05.2023	Internship & Training, Project Work, Research work etc.

Sunnyray Solutions



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL 28AA 074534
MEMORANDUM OF UNDERSTANDING

BETWEEN

Department of Electrical Engineering, Dr.Sudhir Chandra
Sur Institute of Technology and Sports Complex (DSCSITSC),
540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum,
Kolkata, West Bengal 700074

AND

SUNNYRAY SOLUTIONS

584, M.B. Road, Birati, West Bengal , Kolkata 70005

PREAMBLE

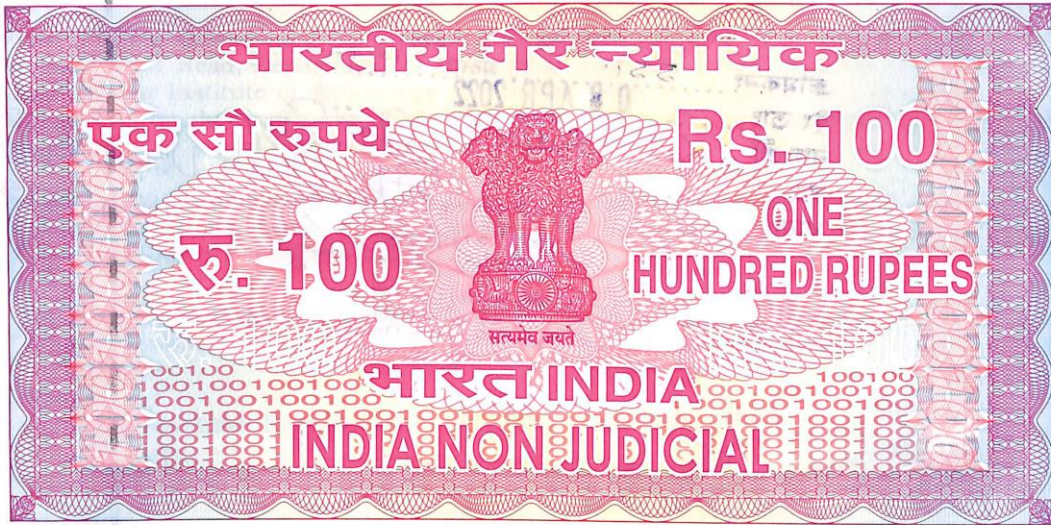
Whereas, Department of Electrical Engineering, Dr.Sudhir Chandra Sur Institute of Technology and Sports Complex, Electrical Engineering is a professional core engineering discipline that deals with the generation of electricity from different power plants, design of power plants, transmission of the generated power using transmission lines, design of transmission and distribution systems, medium voltage and high voltage transmission of power, distribution of generated power to different industries, commercial customers, domestic consumers and also in agricultural areas. This discipline also deals with designing of different machines for power plants, industry applications, home appliances and many more. This world needs Electrical Engineers and without them we cannot move a single step.

Sudhir Chandra
PRINCIPAL
Dr. Sudhir Chandra Sur Institute
of Technology & Sports Complex
540, Dum Dum Rd Kolkata-74

Sunnyray Solutions
PROPRIETOR

**Memorandum of Understanding (MoU) with the
Department of Electrical Engineering and
Sunnyray Solutions on 29/07/2022**

Kalyani Government Engineering College



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

AF 919546

MEMORANDUM OF UNDERSTANDING (MoU) between

Kalyani Government Engineering College, Kalyani,
West Bengal

and

Dr. Sudhir Chandra Sur Institute of Technology and
Sports Complex, Kolkata, West Bengal

The Kalyani Government Engineering College, Kalyani, West Bengal and the Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, Kolkata, West Bengal hereby agrees to sign a Memorandum of Understanding (MoU) to collaborate between themselves to enrich teaching-learning process, focusing on the following points:

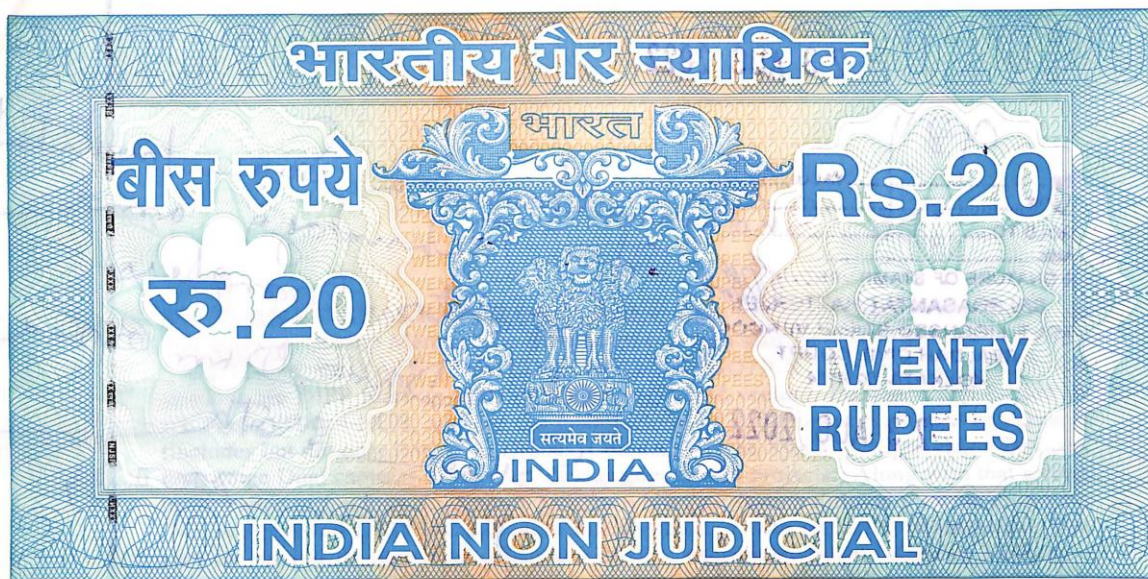
- Student and faculty exchange programs
- Joint Research Work, Research Guidance and Publications
- Joint Seminars and Workshops
- New Laboratory Development
- Assistance in Quality Enhancement Drives

for achieving academic excellence for the Institutions.

Page 1 of 2

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex and Kalyani Government Engineering College on 29/09/2022

Mr. Sobhan Chakraborty



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

28AA 708083

MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN

**DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY
AND SPORTS COMPLEX
AND
Mr. SOBHAN CHAKRABORTY**

This Memorandum of Understanding (MoU), is made and executed at on this date of 21st Day of October, year 2022 by and between:

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, located in Kolkata. The college is one of the top among the 30 institutions in West Bengal owned by JIS Group, the largest educational conglomerate in Eastern India. Having its registered office at Jn. Station, 540, Dum Dum Rd, near Dum Dum, Surer Math, Dum Dum, Kolkata, West Bengal 700074, IN, hereby the **Academic Institution**. [First Party]

Sobhan Chakraborty

Dr. Saradindu Panda
PRINCIPAL
Dr. Sudhir Chandra Sur Institute
of Technology & Sports Complex
540 Dum Dum Rd Kolkata-74

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex and Mr. Sobhan Chakraborty on 21/10/2022

Aranax Technologies Pvt. Ltd.



पश्चिम बंगाल WEST BENGAL

AB 828610

MEMORANDUM OF UNDERSTANDING

BETWEEN

**Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, 540
Dum Dum Road, Surermath, (Near Dum Dum Jn. Station), Kolkata-700074,
West Bengal**

Official Website: <https://www.surtech.edu.in/>
Email: principal_dsdec@jisgroup.org
Telephone: +91 9051978666

AND

Aranax Technologies Pvt.Ltd.

Module 308, Webel IT Park, Phase II, DH Block Action Area, -I, New Town
Kolkata-700156

Official Website: www.aranaxweb.com
Email: soumitra@aranaxweb.com
Telephone: +919959455595 / 8910376939

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered
into on this 29th July, 2022 by and between:



Soumitra
PRINCIPAL
Dr. Sudhir Chandra Sur Institute
of Technology & Sports Complex
540, Dum Dum Rd Kolkata-74

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex and Aranax Technologies Pvt. Ltd. on 29/07/2022

MSME Tool Room Kolkata



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

28AA 708079

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND
SPORTS COMPLEX
Dumdum, Kolkata**

AND

**MSME TOOL ROOM-KOLKATA
(Central Tool Room & Training Centre)**

Under Ministry of MSME, Government of India

This Memorandum of Understanding executed on 20/4/23 between MSME TOOLROOM, KOLKATA (Central Tool Room & Training Centre), under Ministry of MSME, Government of India, having registered office at Bon Hooghly Industrial Area, Kolkata – 700108 and DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX, 540, Dum Dum Rd, Surur Math, Dum Dum, Kolkata – 700074.

Sudhir
PRINCIPAL
Dr. Sudhir Chandra Sur Institute
of Technology & Sports Complex
540 Dum Dum Rd Kolkata-74

Debdutta Guha
(DEBDUTTA GUHA)
General Manager MSME Tool Room
(Central Tool Room & Training Centre)
(Govt. of India Unit) Ministry of MSME
Bonhooghly Industrial Area, Kol-700108

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex and MSME Tool Room Kolkata on 20/04/2023

Scraptechies Solutions Pvt. Ltd.



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

28AA 708076

MEMORANDUM OF UNDERSTANDING

BETWEEN

Department of Electrical Engineering,
Dr. Sudhir Chandra Sur Institute of Technology
and Sports Complex

540, Dum Dum Rd, near Dum Dum, Surer Math, Dum
Dum, Kolkata, West Bengal 700074

AND

SCRAPTECHIES SOLUTIONS PRIVATE
LIMITED

Registered Address: AA-1/2 Deshbandhu Nagar,
Baguiati Kolkata – 700059

Corporate Address: Incubation Center, Indian Institute of
Technology, Patna, Bihta, Bihar-106.

SCRAPTECHIES SOLUTIONS PVT. LTD.
Sobhan Chakraborty
Director
26/08/2022

Prof. (Dr.) Saradindu Panda
Principal
Dr. Sudhir Chandra Sur Institute
of Technology and Sports Complex
540, Dum Dum Road, Kolkata-700074

**Memorandum of Understanding (MoU) with the
Department of Electrical Engineering and Scraptechies
Solutions Private Limited on 26/08/2022**

EC-COUNCIL ACADEMIA

EC-COUNCIL | ACADEMIA PARTNER

EC-Council recognizes this institution as an authorized EC-Council Academia Partner. The EC-Council Academia Partner network is the premier partnership for delivering high-quality, authorized EC-Council Cybersecurity related academic courses.

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Accredited Institution

January 06, 2023

January 06, 2026

INDIA

EACD53458

Date of Issue

Expiry Date

Region

Partner ID



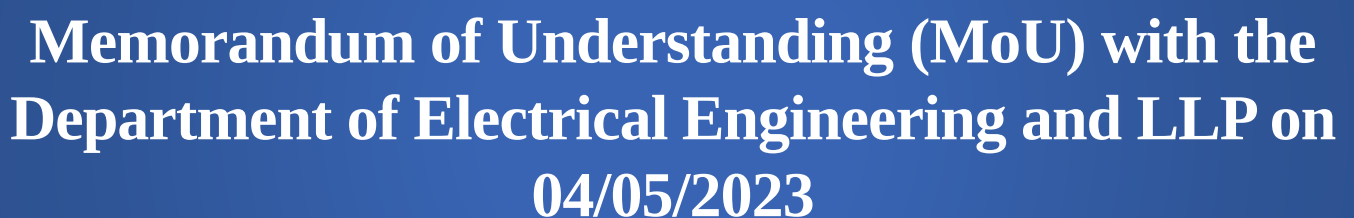
Sudhir Chandra Sur

Director of Academics



www.ec-council.org/academia

Memorandum of Understanding (MoU) with Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex and EC-COUNCIL ACADEMIA on 06/01/2023



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

IT Resources 2022-23

IT Resources

Hardware

SERVER - 4

DESKTOP - 536

LAPTOP- 7

LCD Projector -19

Switches - 28

Firewall And Routers - 2 (FortiGate FG 300E & Cyberoam CR100ia Firewall), 1 (Extreme Network Switch),

Printers - 40

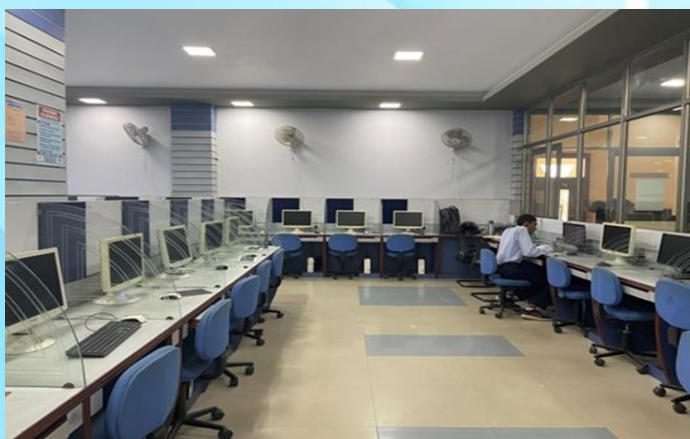
Scanners - 07

Photocopiers -1

Video Conferencing Systems-1

Wifi Devices = 35 Bio Metric Device = 2

CCTV Cameras - 126



IT Resources

Services

WiFi Bandwidth –

70 Mbps Average from campus Infrastructure from 100 Mbps **Railtel**, 100 Mbps **Alliance** Broadband Lease Line Connection.

1 Gbps CAT6 Intranet – connected Central Computing Facilities: yes **MHRD's QEEE Infrastructure :**

Microsoft Exchange mail server: managed by Hash Technologies

WiFi Facility throughout the campus: yes

Website hosting all Website Details: managed by Hash Technologies

Software

Licensed Software :-

Microsoft windows (7/8/10), Server (2008/2012/2016/2019)

Applica- tion Software	Department	Software
	ECE	MATLAB SOFTWARE, PERPETUAL ACADEMIC CONCURRENT NETWORK LICENSE FOR WINDOW/LINUX/MAC PLATFORMS, LATEST VERSION (2010), 5USER SOFTWARE INCLUDES-MATLAB, CONTROL SYSTEM TOOLBOX ,SINGNALPROCESSING TOOL BOX, DSP SYSTEMS TOOL BOX, COMMUNICATION SYSTEMS TOOL BOX Mentor Software- HDL Author Ultra PE VHDL Bundle S/W (consist of HDL Author Ap SW & Modelsim PE VHDL Ap SW), License-Perpetual, Version- Latest, 1 set of 5 user. P-SIM Latest Version Consists of P-SIM BASIC, DIGITAL CONTROL MODULE, MOTOR DRIVES MODULE, 5 USER NETWORK LICENSE, TERM PERPETUAL.
	CE	Civil- software - 20 user STAAD, Pro V8i & STTAD Foundation Advance MX Road etc with India Code of desin software Academic Perpetual

IT Resources

Applica- tion Soft- ware	Department	Software
	Library	Software(LIBMAN 5.3).
	AUE	Autocad 2005-win Student edu – single user License. CATIA V5 (ED2) Academic Latest Edition Licenses Including one (01) year ALC – 05 User Bundle(Perpetual License)
	CSE	Microsoft Campus Agreement. SQL SrvStd 2012 SNGL OLP NL Acdmc SQL Server 2019 Standard Edition Educational. Edraw max
	EE	Software-Embedded Lab with sensor Web & Internet of Things (i) IOT Trainer Kit = 2nos (ii) All in one General Purpose Board =2 nos (iii) IOT Gateway = = 1 no (iv) Bluetooth Module = 1 no (v) Router = 1 no (vi) Portable sensor kit = 1 no (vii) a set of Sensors- (Temperature, Humidity, Reed switch, Touch Key, Vibration, Moisture, Dust, Water, Soil, Moisture, Accelerometer, Gyro Meter, Magneto, Pressure, PIR Motion Sensor)= 1 set (viii)Base Board for Interfacing Sensors= 2 nos (Uses for EE Dept.) P-SIM Latest Version Consists of P-SIM BASIC, DIGITAL CONTROL MODULE, MOTOR DRIVES MODULE, 5 USER NETWORK LICENSE, TERM PERPETUAL. POWER WORLD SIMULATOR BASIC BUNDLE LATEST VERSION, 25 LICENSE PERPETUAL, NODE LOCKED SOFTWARE KEY BASED.
	ME	Pro/Engineer Software inclusive of all modules under University plus Lab Bundle Software for 50 User perpetual site license
	BSH	Upgrade of Orell Talk 2.0Smart Version (License Free for Life time Perpetual License for 1 Teacher and 40 Student Consoles at Language Lab 2)



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Basic Science and Humanities

ANNUAL REPORT 2022-23

Department of Basic Science & Humanities

Vision of the department

To provide guidance to all aspiring technocrats through well-developed & innovative teaching learning methodology and to foster students towards R & D, entrepreneurship activities for their future prospectus with strong foundations in Mathematics, Chemistry, Physics and Communications skills.

Mission of the department

DM1: To emphasize the importance of Basic Science and develop a natural flair for Engineering & Technology

DM2: To promote academic excellence in fundamental Science & Humanities

DM3: To produce competent future technocrats through innovative teaching-learning methodologies

DM4: To create an environment where students' Idea, Creativities and R & D activities are encouraged.

DM5: To create an environment where students' Idea, Creativities and R & D activities are encouraged.

Department of Basic Science & Humanities

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Basic Science & Humanities

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Basic Science & Humanities

Brief Overview of the Department

The Department of Basic Sciences and Humanities has been a part of DSCSITSC right from the inception of the college in 2009.

It consists of the core branches of basic science- Physics, Chemistry, Mathematics, Biology along with subjects of Humanities domain.

These subjects lay the essential foundation for the various branches of engineering. The focus is to create an understanding of the basic principles of science and harness the knowledge of the students for designing, building and maintaining a product or process that solves a problem and fulfils a need (technology).

The Department has well-equipped laboratories of Physics, Chemistry and Language to promote overall development of the students by enhancing their practical skills along with incorporation of sound theoretical knowledge.

It also encourages students to take up challenging projects and internships at the National and International level in order to fine-tune their technical skills.

The department garners the importance of an up-to-date English Communication to increase proficiency in English Language to cope up with the cut throat competition in the job market.

We equip students to imbibe best humane and professional values.

The Basic Sciences and Humanities department have always taken the initiative as first year teachers in all the B. Tech streams to develop the moral characters of the concerned students.

The department of BS&H has rich curriculum and allied activities to provide a comprehensive education for B.Tech graduates. It prepares them to be technically well off, to be critical thinkers, productive citizens, and leaders in a wide range of careers; government as well as an array of managerial options in the private sector.

Department of Basic Science & Humanities

HOD Message

Dear colleagues and students,

Welcome you all to Basic Science & Humanities Department of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex.

The Basic Science & Humanities Department is the back bone of the entire engineering education system. It comprises Mathematics, Physics, Chemistry, Biology, English and Humanities. The faculty members have undertaken the methodology of classroom teaching based on application of innovative strategies, comprehensive lectures, regular assignments and active interaction between teachers and students. Hence, **the department plays a key role in assessing, evaluating and improving the multi-dimensional skills of the students to build them as the upcoming pillars of foundation of the nation.**

Our departmental laboratories supported by modern equipment to help the students to attain practical knowledge, accurate application and perfection over the presentation skills.

The department is supported by highly qualified faculty with good teaching experience, who put consistent effort to meet the expectations of the students. They are easily accessible and approachable so that students feel free to come for counseling, guidance or for clarifications. **They also play a vital role in imparting placement training in quantitative aptitude, verbal ability and soft skills to pre – final year students.**

A quotation for all my students

“An investment in knowledge pays the best interest” - Benjamin Franklin

Wishing you all a successful and rewarding academic year!

Dr. Dipankar Das

HOD, Department of Basic Science & Humanities

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Dr. Dipankar Das Received JIS Samman 2022 best Lecture Video Demonstration in Institutional Level
- Dr. Dipankar Das & Dr. Sayari Biswas organized "One Day Industry Visit" to "Elmech Engineers Pvt. Ltd." for the 1st SEM students of ECE & EE, from the The Department of Basic Science & Humanities, DSCSITSC.
- Dr. Dipankar Das Attended in 5 Days Faculty Development Program on Research Writing and Publication Process, Organized by CRT&NFED.
- Dr. Dipankar Das Attended in 5 Days Faculty Development Program on Innovative Teaching Strategies and Tools in The Digital Age, Organized by Institution Innovation Council (IIC GGI Ludhiana) & scroll well.
- Dr. Dipankar Das Attended in 5 Days Faculty Development Program on Present Scenario and Future Scope of Research and Advancement in the Field of Electrical Vehicle and Renewable Energy Section, Organized by Dept of Electrical Engineering, GMIT, JIS Group.
- Dr. Dipankar Das Attended in 5 Days Faculty Development Program on Present Scenario and Future Scope of Research and Advancement in the Field of AI, ML & IoT, Organized by Dept. of CSE, EE, CSBS, GMIT, JIS Group
- Dr. Dipankar Das Attended in 5 Days Faculty Development Program on Journey into Computing Future: Technology, Research & Innovations, Organized by Dept. of Computer Application & Science, IEM, Kolkata, in association with HRDC
- Dr. Sayari Biswas Attended in 5 Days Faculty Development Program on Mentoring Pedagogy and classroom delivery enhancement techniques, Organized by E&ICT Academy, IIT Guwahati and UEM, Kolkata.
- Dr. Sayari Biswas Attended in 5 Days Faculty Development Program on Research Methodology, Organized by Greater Kolkata College of Engineering and Management.

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Dr. Sayari Biswas Attended in 5 Days Faculty Development Program on Introduction to Solar Cell, Organized by Technical University of Denmark (DTU).
- Dr. Sayari Biswas Attended in 5 Days Faculty Development Program on Online Video Production, Organized by PG Department of Physics, Ansar Women College, Kerala and SIAS Research Forum.
- Ms. Pallabi Bose attended a 5 days FDP on Research Methodology & Publication Ethics, organized by Greater Kolkata College of Engineering & Management.
- Ms. Pallabi Bose attained a certificate from COURSERA on Matrix Algebra for Engineers.
- Ms. Nibedita Biswas attended a 5 days FDP on Advanced Manufacturing Latest Trends and Techniques, organized by Department of Mechanical Engineering, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex.
- .Ms. Nibedita Biswas attended a 5 days Workshop on IP Awareness/Training, organized by Intellectual Property Organization, India.
- Ms. Nibedita Biswas attained a certificate from COURSERA on Write Professional Emails in English.
- Ms. Nibedita Biswas attained a certificate from COURSERA on The Science of Well-Being.
- Ms. Debasmita Roy Chowdhury attended a 5 days FDP on Professional Communication and Universal Human Values, organized by BSH Department of Narula Institute of Technology.
- Ms. Debasmita Roy Chowdhury attended a 5 days FDP on UHV-II, organized by All India Council for Technical Education.

Department of Basic Science & Humanities

BASIC SCIENCE AND HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Ms. Debasmita Roy attained a certificate from COURSERA on AI For Everyone.
- Ms. Debasmita Roy attained a certificate from COURSERA on Foundations of Project Management.

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Department of Basic Science & Humanities has successfully conducted the Induction Program, 2021 for newly admitted 1st year students.
- Department of Basic Science & Humanities has organized a Parent Teacher Meet on 21.08.2022 for the Students of B.Tech 1st year Students.
- The Department of Basic Science & Humanities, DSCSITSC organized a "One Day Industry Visit" for 1st year B.Tech EE and ECE students on 17th February, 2023 at "Elmech Engineers Pvt. Ltd." located at plot no. 6, Jayashree Complex, NH-6, Alampur, Howrah- 711302, West Bengal, India.
- Basic Sciences and Humanities Department of Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex celebrated Swami Vivekananda's 160 th birthday on 12 January 2023 with 1st year B. Tech and Diploma students. This day is also observed as "National Youth Day".
- A quiz competition "Mindkraft" was organized by BSH department of Dr Sudhir Chandra Sur Institute of Technology and Sports Complex for first year students to encourage them to gain general knowledge, apart from subject knowledge on 13th January 2023 from 2:30 pm at room no 418.
- Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex celebrated 74th Republic Day in a hybrid mode on 26th Jan 2023. The event was coordinated by the Department of Basic Sciences and Humanities.
- Basic Science and Humanities Department has celebrated the "International Mother Language Day" on Sunday, 21st February, 2023 has celebrated the "International Mother Language Day" on Sunday, 21st February, 2023 to acknowledge the significance of the practice of mother- tongue and to honor linguistic diversity across our nation.

Department of Basic Science & Humanities

BASIC SCIENCE & HUMANITIES DEPARTMENTAL NEWS AT A GLANCE

- Basic Science and Humanities department has observed International Literacy Day on 08.09.2023 to raise awareness and concern for literacy problems that exist within our own local communities as well as globally. The theme for this year's Literacy Day is "Transforming Literacy Learning Spaces.
- Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in collaboration with BS&HU Department celebrated its 15th Foundation Day with much enthusiasm and pleasure on 10th August, 2023.
- Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex in collaboration with the department of Basic Science and Humanities has organised an activity on "Poster-Making and Painting Competition" on 24th November, 2023 to promote the creativity of the students at an extracurricular level.
- The department of Basic Science and Humanities has arranged programmes for the celebration and observance of Samvidhan Diwas (Constitution Day) on 26th November, 2023. Since 2015 the country has been commemorating Constitution Day and its significance in the history of India.
- **"Agomoni"**- the cultural event was held virtually to celebrate **the festive spirit of pre Durga Puja** was organized by BSH department.
- A **"Greeting card making competition"** was organized by **the department of BS&HU** on 5th December, 2023 to develop the creative skills among students

Department of Basic Science & Humanities

Departmental achievements

Student's achievements :

- Sayantan Chowdhury of 1st year CSE student awarded 1st place in Inter-College Debate competition organized by Narula institute of technology.
- Jyoti Kumari, 1st year CSE student awarded 1st place in Inter college Solo singing competition organized by Narula institute of technology.
- Deepak Kumar Ray, 1st year CSE student awarded 2nd place in Table tennis competition organized by Adamas University.
- Rishita Ghosh, 1st year ECE student awarded 2nd place in Inter College Solo Singing competition organized by JIS University.
- Souvik Pal, 1st year AUE student awarded 2nd place in Inter college Inter-college Athletics Meet competition organized by JIS University.
- Neha Kumari Rajbhar, 1st year CSE student awarded 3rd place in Inter college Inter-college Athletics Meet competition organized by GNIT College Campus.
- Quazi Ibdita Islam, 1st year CSE student awarded 2nd place in Inter college Inter-college Athletics Meet competition organized by GNIT College Campus.
- Saikat Mondal, 1st year ECE student awarded 1st place in Inter College Table Tennis Tournament organized by JIS University.
- Swagnik Saha, 1st year AUE student awarded 2nd place in Inter College Painting competition organized by JIS University.
- Subhayu Ghosh, 1st year ME student awarded 2nd place in Inter College Athletics Meet competition organized by GNIT College Campus.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

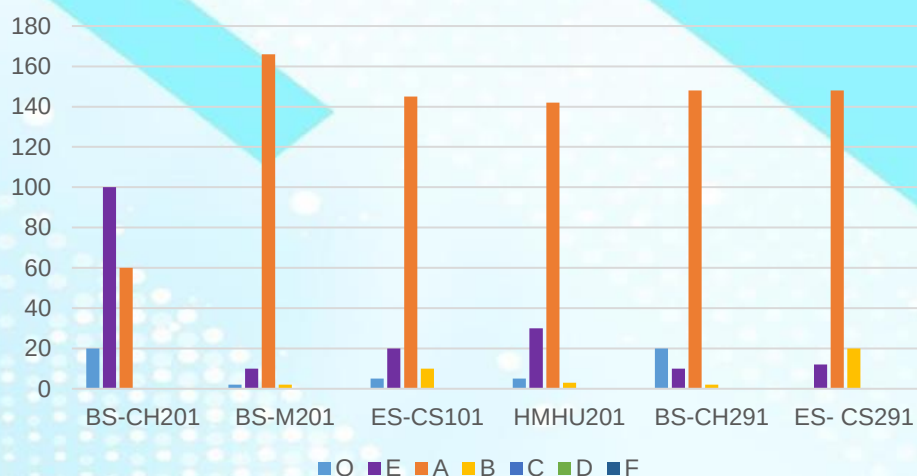
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Basic Science and Humanities

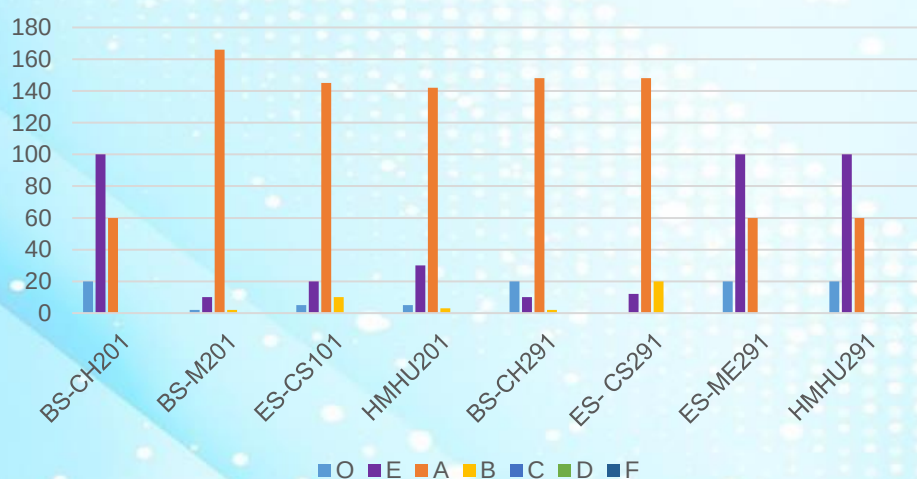
ANNUAL REPORT 2022-23

Department of Basic Science and Humanities

CSE, 1st Semester



CSE, 2nd Semester

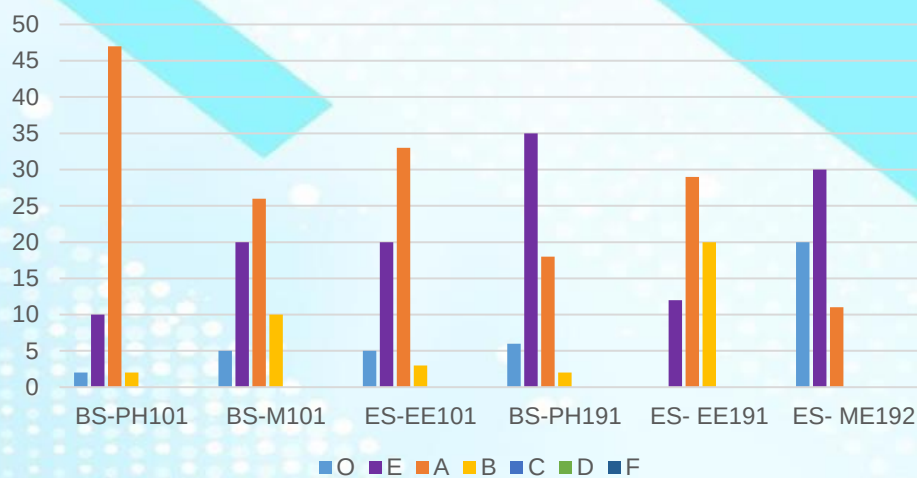


ECE, 1st Semester

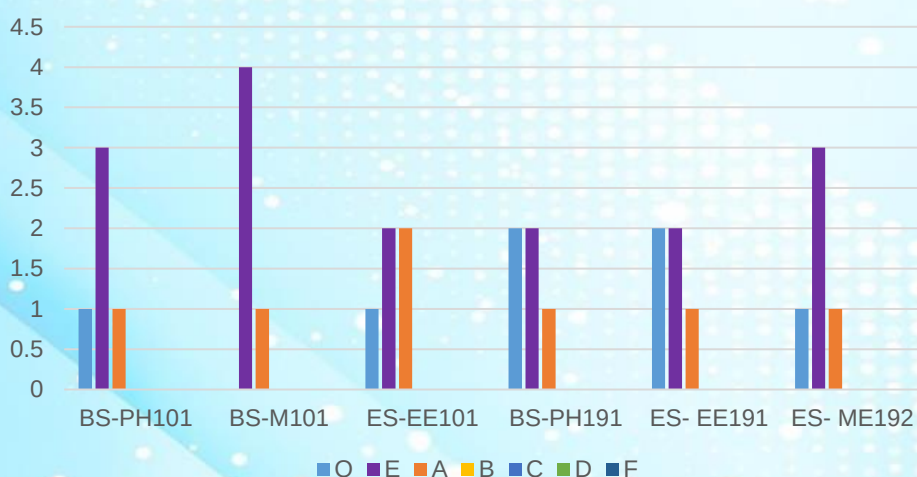


Department of Basic Science and Humanities

ECE, 2nd Semester



AUE, 1st Semester

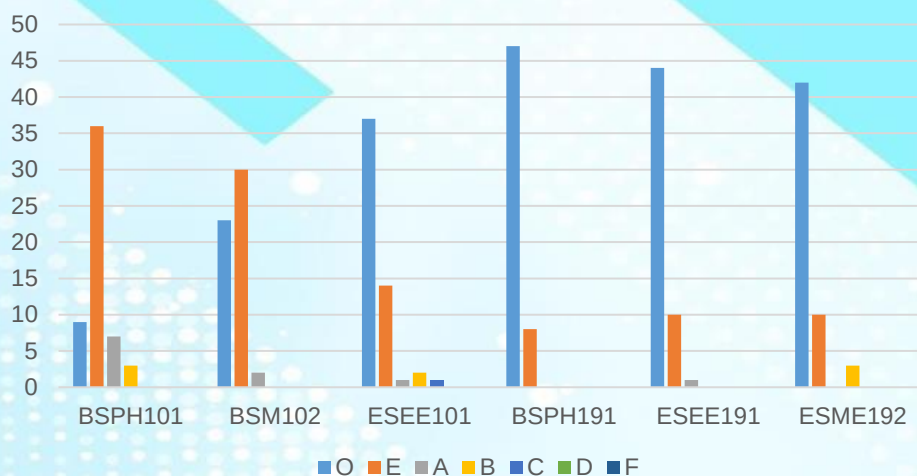


AUE, 2nd Semester

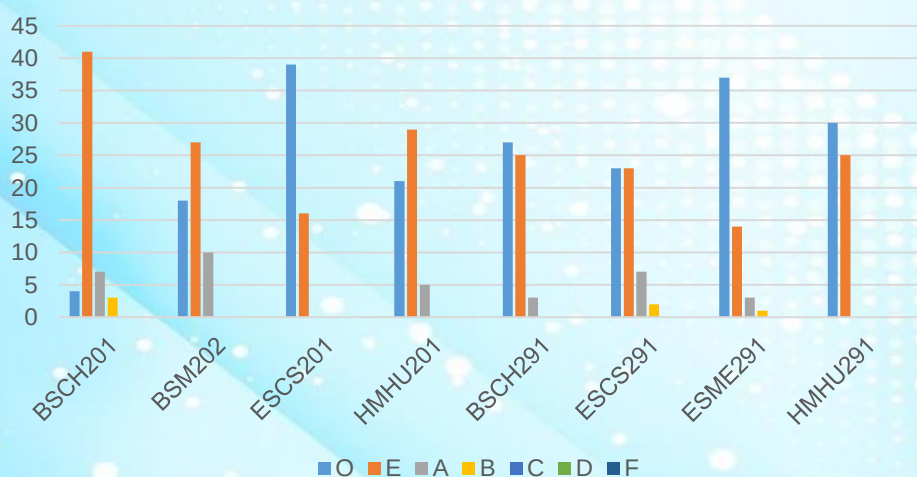


Department of Basic Science and Humanities

CE, 1st Semester



CE, 2nd Semester



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Civil Engineering

ANNUAL REPORT 2022-23

Department of Civil Engineering

Vision of the department

To be recognized as an internationally acclaimed technical department by achieving excellent standards of quality technical education, keeping pace with the rapidly changing technologies, research and innovations and to produce Civil Engineers of global standards with the capability of accepting new challenges

Mission of the department

DM1: To impart fundamental knowledge of engineering and its practical application by developing state-of-the-art facilities for the department of Civil Engineering.

DM2: To nurture and build people in a rewarding and inspiring environment by fostering creativity, empowerment, innovation and entrepreneurship.

DM3: To build Industry – Institute linkage for quality improvement by promoting participation of industries in the area of consultancy

DM4: To encourage the students towards higher education through research and development activities

Department of Civil Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Civil Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Civil Engineering

Program Educational Objective (PEO)

PEO1: Graduates of Civil Engineering department shall become successful in their professional through strong foundation in core principles and ability of analyzing and solving complex engineering problem in real life

PEO2: Graduates will excel in the field of higher studies through lifelong learning.

PEO3: Graduates will excel in effective communication, teamwork, and leadership, enabling them to work collaboratively in multidisciplinary settings and take on leadership roles within their organizations

Department of Civil Engineering

Programme Specific Outcomes (PSOs)

PSO1: Graduates will have strong fundamental knowledge in core topics of each subject and will have the ability to describe, analyse, and solve problems using mathematics and systematic problem-solving technique for core subjects of Civil Engineering

PSO2: Graduates will be able to patronize higher studies and technological practice in Civil Engineering and to keep pace with the modern construction techniques and management tools either in industry or through entrepreneurship

PSO3: Graduates will possess strong professional skills, both written and oral, enabling them to convey technical information effectively to diverse audiences, including clients, colleagues, and the public

Department of Civil Engineering

Brief Overview of the Department

The Department of Civil Engineering of DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX was commenced in the year of 2012. It offers both B.Tech and Diploma Engineering courses. The department has sound infrastructure supported by state of art laboratories. The department is also enriched with good academicians from IIT, NIT, IEST, JU and other reputed Institutions. The department is frequently conducting industrial visits, seminars, workshops, debate, quiz and other social activities.

Soft skill programs are embedded as a regular part of academics for better placements. Department is conducting parent's teachers meetings from time to time for constant monitoring of academics and attendance of the students. For maintaining better feedback, mentor mentee meetings are held in the department periodically.

Some laboratory experiments are conducted beyond syllabus by bringing experts/scientists from reputed houses. Initiation is being taken by each mentor of the department for completion of NPTEL online courses by the students. Annual sports and college tournaments both outdoor and indoor games are conducted supported by a fantastic indoor stadium at our campus. Active participation of students is held in academic, cultural and sports competition. The department is taking care of placing the students in industry for their summer and winter internship training as per need.

Department of Civil Engineering

HOD Message

Dear colleagues and students,

I am thrilled to address you as the Head of the Civil Department and share my enthusiasm for the incredible work and progress we have made together. As we embark on this new academic year, I want to extend my warmest greetings and express my deep appreciation for your dedication and commitment to excellence.

Our Civil Department has always been a driving force of innovation and knowledge in our institution, and this newsletter is a testament to the remarkable achievements and contributions of our faculty, staff, and students. Through this platform, we aim to showcase our department's accomplishments, share valuable insights, and foster a sense of community and collaboration.

Our department has a proud history of producing competent and skilled civil engineers who leave a lasting impact on society. As we move forward, let us continue to uphold the values of integrity, professionalism, and ethical responsibility that define our field.

In this newsletter, we will highlight the diverse range of research and academic pursuits undertaken by our faculty and students. From cutting-edge research projects to impactful community initiatives, each endeavor is a reflection of our commitment to making a difference in the world.

Department of Civil Engineering

As we face global challenges like climate change and urbanization, civil engineering plays a crucial role in building a sustainable and resilient future. Let us take this opportunity to discuss the role of civil engineering in promoting sustainability, environmental conservation, and inclusive development.

In addition to academic achievements, this newsletter will also feature stories that celebrate our department's vibrant culture and camaraderie. From workshops and seminars to extracurricular activities and student achievements, we aim to showcase the holistic growth of our department.

I encourage all of you to actively participate in this newsletter's creation. Your ideas, contributions, and feedback are invaluable in making it a true reflection of our department's spirit. Let us engage in open discussions, share our experiences, and inspire one another to reach new heights of excellence.

I extend my gratitude to our exceptional faculty and staff for their tireless efforts and dedication to nurturing the next generation of civil engineers. I am also immensely proud of our students, whose enthusiasm and passion continue to drive us forward.

Thank you all for your unwavering support and commitment to the Civil Department. Together, let us seize the opportunities that lie ahead, overcome challenges, and leave a lasting legacy that shapes the future of civil engineering.

Wishing you all a successful and rewarding academic year!

Dr. Biswabandhu Chatterjee
HOD, Department of Civil Engineering
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Department of Civil Engineering

Departmental achievements

- Year: 2022-2023 Name of the participant: Biswabandhu Chatterjee Designation: Associate Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Research Opportunities in PI, ML, and IoJ in the field of Electrical Engineering Dates (from-to): 08/02/2023 to 14/02/2023
- Year: 2022-2023 Name of the participant: Baibaswata Das Designation: Assistant Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Advancement of Cyber Security Dates (from-to): 22/08/2022 to 26/08/2022
- Year: 2022-2023 Name of the participant: Debasish Roy Designation: Assistant Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Effective Filing of NAAC AQAR - Streamlining Institutional Performance Dates (from-to): 13/03/2022 to 18/03/2022
- Year: 2022-2023 Name of the participant: Krishnendu Kundu Designation: Assistant Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Research Methodology Dates (from-to): 04/07/2022 to 08/07/2022
- Year: 2022-2023 Name of the participant: Nilanjana Banik Designation: Assistant Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Advancement of Cyber Security Dates (from-to): 22/08/2022 to 26/08/2022
- Year: 2022-2023 Name of the participant: Prasun Seal Designation: Assistant Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Effective Filing of NAAC AQAR - Streamlining Institutional Performance Dates (from-to): 13/03/2022 to 18/03/2022
- Year: 2022-2023 Name of the participant: Sourav Kumar Singha Designation: Assistant Professor Title of the FDP /MDP/ professional development / administrative training program: FDP on Research Methodology Dates (from-to): 04/07/2022 to 08/07/2022

Department of Civil Engineering

Departmental Events

Sl. No	Name of Events	Date of Conduction	No of Participants	Outcome/Resource Person Details
1	Workshop on Concrete technology	03.02.2023	40	Mr. Sandip Banerjee, Mentor, Business coach & guest faculty conducting training in different organizations & institutes, Regional Head - Customer Service/Technical Services in ACC Limited
2	Seminar session on What the Beginner Needs to Learn in the Profession	20.01.2023	45	Dr. Abhijit Dasgupta, former Joint Managing Director, M.N. Dastur Company Limited
3	Innovative Idea Competition	10.01.2023	15	Winner Suparna Polley and Saptadwipa Dutta, B.Tech CE (2020-24)
4	Webinar session on Treatment of Domestic Wastewater for Sustainable Development	23.09.2022	60	Mr. Anjishnu Biswas, Research Scholar (Environmental Engineering), Department of Civil Engineering, IIT Guwahati
5	Departmental Quiz Competition	20.09.2022	24	Winner Pritha Das, B.Tech CE (2021-25)
6	Webinar session on Scope of Jobs & Masters Abroad In Solar, EV & Data Science	20.08.2022	50	1. Muhammad Sharif, BD manager, HTC Oman, Solar PV Expert 2. Amit Mandal, Engineering Manager, HTC Oman, Alumni of IIM Bangalore. 3. Avik Mitra, Accounts Manager, Solargis
7	Seminar session on Lean Start-up & Minimum Viable Product/Business	17.08.2022	40	Mr. Joy Deep Ghosh, Director, Neo Construction (NEO IMPERIAL, 146, Bansdrone Park, Jayasree Dutta Villa, Kolkata)
8	Computing skill of Building India towards Automation - Introduction to MS Project Software	28.07.2022	40	Mr. Sandip Banerjee, Mentor, Business coach & guest faculty conducting training in different organizations & institutes, Regional Head - Customer Service/Technical Services in ACC Limited

Department of Civil Engineering

Departmental achievements

Faculty achievements :

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2022-2023	Biswabandhu Chatterjee	Associate Professor	FDP on Research Opportunities in PI, ML and IoT in the field of Electrical Engineering	08/02/2023 to 14/02/2023
2022-2023	Baibaswata Das	Assistant Professor	FDP on Advancement of Cyber Security	22/08/2022 to 26/08/2022
2022-2023	Debasish Roy	Assistant Professor	FDP on Effective Filing of NAAC AQAR - Streamlining Institutional Performance	13/03/2022 to 18/03/2022
2022-2023	Krishnendu Kundu	Assistant Professor	FDP on Research Methodology	04/07/2022 to 08/07/2022
2022-2023	Nilanjana Banik	Assistant Professor	FDP on Advancement of Cyber Security	22/08/2022 to 26/08/2022
2022-2023	Prasun Seal	Assistant Professor	FDP on Effective Filing of NAAC AQAR - Streamlining Institutional Performance	13/03/2022 to 18/03/2022
2022-2023	Sourav Kumar Singha	Assistant Professor	FDP on Research Methodology	04/07/2022 to 08/07/2022

Department of Civil Engineering

Departmental achievements

Student achievements :

Sl No.	Roll No.	Name	Topic	Date of Completion
1	25501321032	JAYANTA SARKAR	Renewable Energy Technology Fundamentals	11-Jul-22
2	25501321037	NIBEDITA BISWAS	Renewable Energy Technology Fundamentals	11-Jul-22
3	25501321041	RAJDEEPTA DEY	Renewable Energy Technology Fundamentals	11-Jul-22
4	25501322059	SRYASHI ROY	Renewable Energy Technology Fundamentals	11-Jul-22
5	25501320030	PRATIK DEBNATH	Renewable Energy Technology Fundamentals	11-Jul-22
6	25501320035	TUSAR KANTI DAS	Renewable Energy Technology Fundamentals	11-Jul-22
7	25501320040	SUSHANT KUJUR	Renewable Energy Technology Fundamentals	11-Jul-22
8	25501319053	PRIYANKA ORAON	Renewable Energy Technology Fundamentals	11-Jul-22
9	25501319063	PINTU KUILI	Renewable Energy Technology Fundamentals	11-Jul-22
10	25501320054	PROSANTA MITRA	Renewable Energy Technology Fundamentals	11-Jul-22

Sl No.	Roll No.	Name	Topic	Date of Completion
1	25501321031	HAJRAT KHABBAR	Management of Urban Infrastructure	13-Mar-23
2	25501321041	RAJDEEPTA DEY	Management of Urban Infrastructure	13-Mar-23
3	25501321046	SANGRAM BHOWMIK	Management of Urban Infrastructure	13-Mar-23
4	25501320029	KAUSHIK DEBNATH	Management of Urban Infrastructure	13-Mar-23
5	25501320039	GITA HEMBRAM	Management of Urban Infrastructure	13-Mar-23
6	25501320044	KOUSAMBI BHATTACHARYYA	Management of Urban Infrastructure	13-Mar-23
7	25501321060	SHILPA DUBEY	Management of Urban Infrastructure	13-Mar-23
8	25501319010	AKASH RAJ	Management of Urban Infrastructure	13-Mar-23
9	25501319064	PRANAB PAL	Management of Urban Infrastructure	13-Mar-23
10	25501320054	PROSANTA MITRA	Management of Urban Infrastructure	13-Mar-23

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

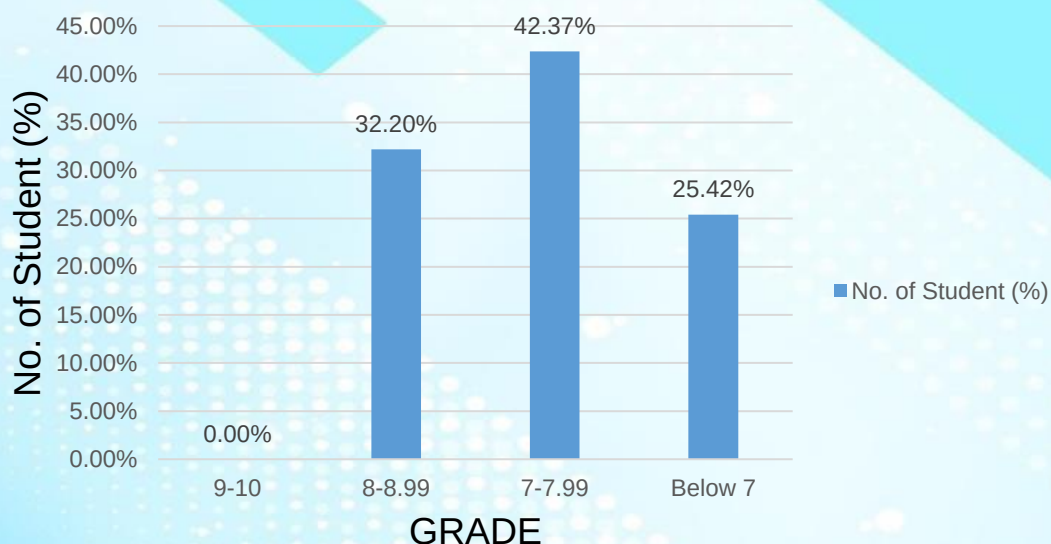
Department of Civil Engineering

**Result Analysis
2022-23**

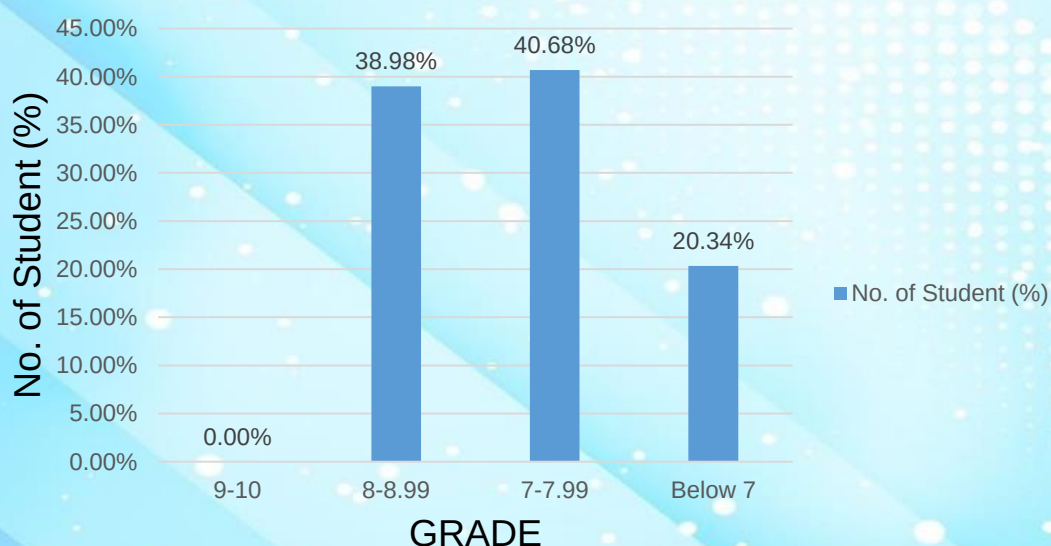
Department of Civil Engineering

2nd Year

SGPA-Wise Result Analysis (3rd Semester)



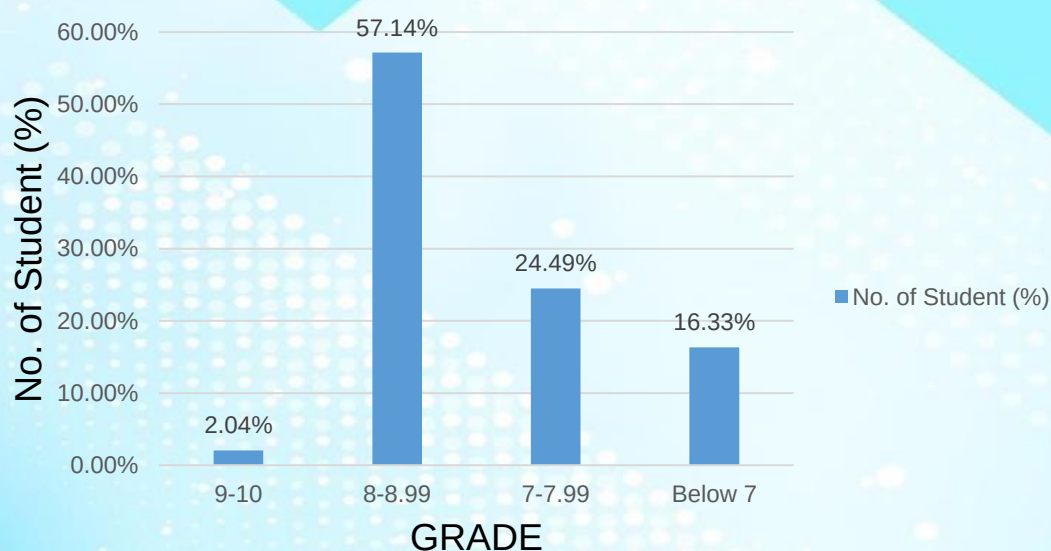
SGPA-Wise Result Analysis (4th Semester)



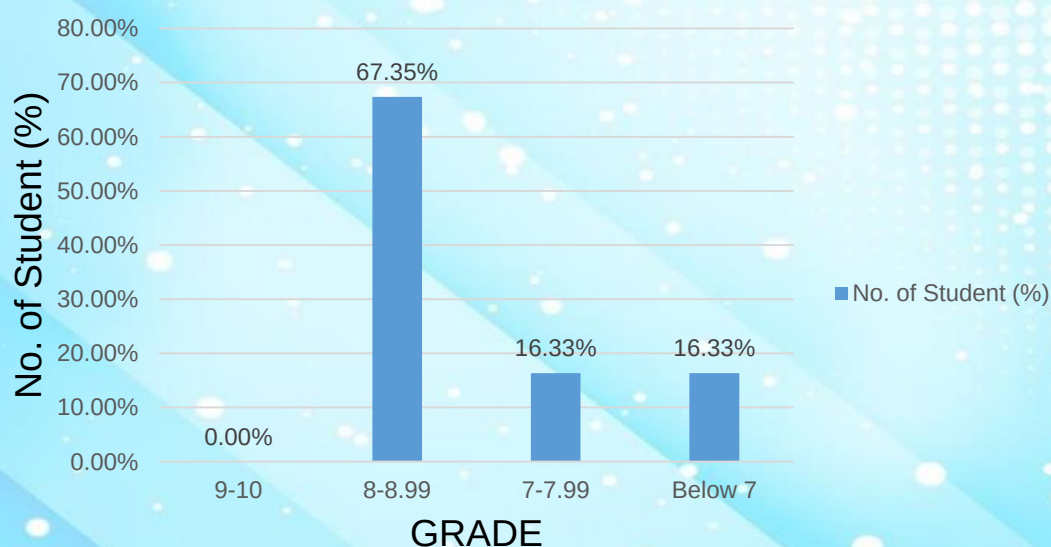
Department of Civil Engineering

3rd Year

SGPA-Wise Result Analysis (5th Semester)



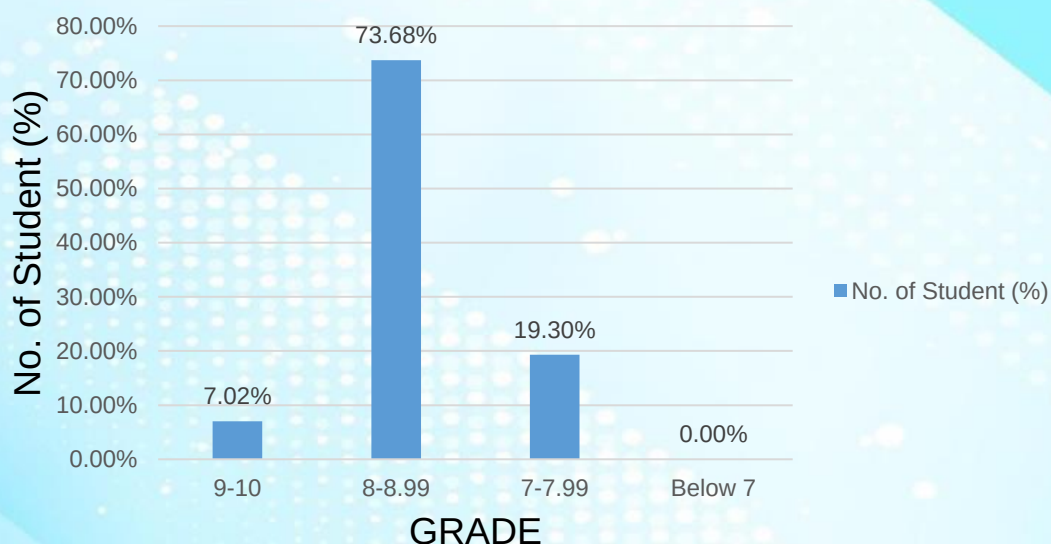
SGPA-Wise Result Analysis (6th Semester)



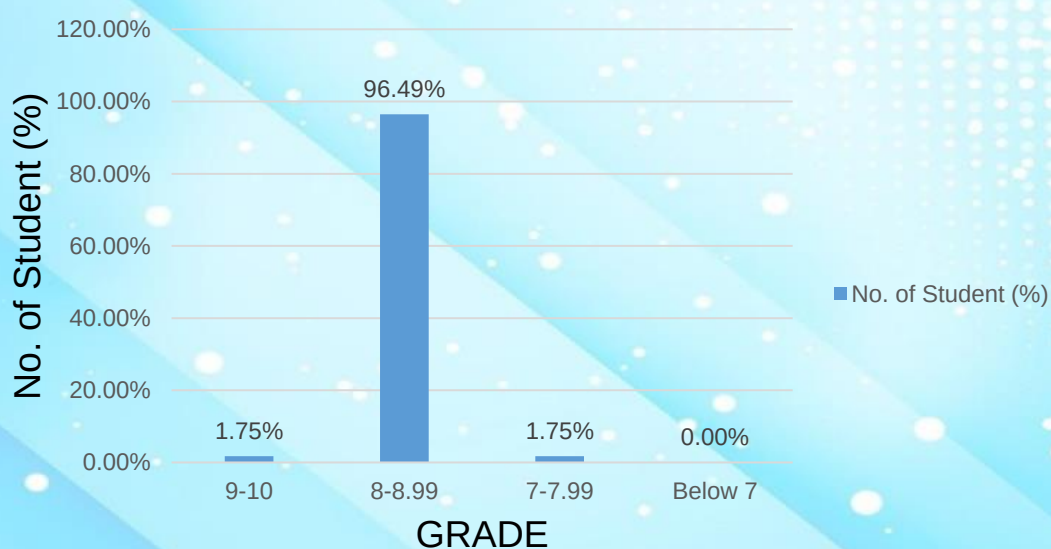
Department of Civil Engineering

4th Year

SGPA-Wise Result Analysis (7th Semester)



SGPA-Wise Result Analysis (8th Semester)



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Automobile Engineering

ANNUAL REPORT 2022 – 23

Department of Automobile Engineering

Vision of the department

To be recognized as a space of excellent education and quality research in the field of Automobile Engineering by adapting transformative teaching-learning process to produce ethical professionals, innovators and entrepreneurs capable of developing the society.

Mission of the department

DM1: To provide the students an excellent academic environment where ethical values will be disseminated along with leadership skills, leading to meaningful contributions towards our society.

DM2: To develop a comprehensive R&D Ecosystem so that the students, faculties can innovate as per societal needs.

DM3: To continuously upgrade the excellence of faculties through Workshops, FDPs and Seminars with the objective to connect with the rapidly changing technologies.

DM4: To collaborate with Industries, Professional Societies and Educational Institutions for the continuous betterment of the students to become Industry-Ready/ Entrepreneurs.

DM5: To practice updated teaching-learning methodologies where fundamental engineering concepts will be blended with different project experiences at all levels of the curriculum to generate new knowledge for the society.

Department of Automobile Engineering

•Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Automobile Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Automobile Engineering

•Program Educational Objective (PEO)

Department of Automobile Engineering expects its B. Tech graduates to achieve the following after the completion of the program:

- PEO1:** Graduates will be working as professionals in different Automobile Engineering sectors like design, operations, systems and production.
- PEO2:** Graduates will be solving complex problems to innovate new solutions using modern tools with the ethical responsibility to meet society requirements.
- PEO3:** Graduates will be engaged in lifelong learning by doing higher studies, research and being members of professional societies.

Department of Automobile Engineering

•Program Specific Outcomes (PSOs)

• PS01: Problem-Solving Skills

Ability to conduct critical analysis and utilize problem-solving techniques, necessary for carrying out research activities in the fields of Automobile Engineering like Engine Testing & Performance Measurement, Alternative fuels and Pollution Control, CAD/CAM and Vehicle Maintenance and Diagnostics.

• PS02: Professional Skills

Ability to plan, design & conduct experiments and simulate the real-life situations involved in Automobile Engineering utilizing efficient, environmental-friendly, sustainable, cost-effective conventional and/or computational methodologies; while operating autonomously or industrial environments.

•PS03: Leadership & Inter-personal Skills

Capacity to compete in the available employment prospects ethically and able to lead, manage, communicate while working in a team proficiently in the Automotive and allied domains.

Department of Automobile Engineering

•Brief Overview of the Department

Founded in 2009, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex established its Department of Automobile Engineering. Initially offering a four-year B.Tech program with a student enrollment cap of 60, the department expanded in 2014, introducing a Diploma in Automobile Engineering with the same enrollment limit.

The department's primary objective is to nurture highly skilled and competent automotive engineers equipped with practical experience and updated knowledge of automotive technology. This ensures a steady supply of qualified professionals, bridging the gap between industry demands and academic training. State-of-the-art laboratory facilities provide students with hands-on instruction in various specialized areas of automobile engineering.

Students studying automobile engineering are exposed to diverse engineering specialities, including mechanical, electrical, electronic, and industrial design. This multidisciplinary approach enables students to attain a comprehensive understanding of the subject. Additionally, the department actively fosters professional growth and industry interaction among its students by supporting student chapters associated with prestigious organizations such as the Society of Automotive Engineers (SAE).

Department of Automobile Engineering

•HOD Message

Dear colleagues and students,

I am glad to share with you the Newsletter from the Dr. Sudhir Chandra Institute of Technology and Sports Complex's Automobile Engineering Department. The Newsletter focuses on all Departmental Activities, illuminating the acts, events, and proceedings in which our Departmental Faculty Members and Students have enthusiastically engaged.

We are confident that you will be resourceful enough to take advantage of this circumstance in your lives. We must immediately begin fighting after failing and falling. This is how heroic tales of tenacity and perseverance will be created. The Department of Automobile Engineering commits to support you in all of your undertakings. So pay attention to your coursework. Pay attention to your lives and work to improve them every day. We are available to assist you. As the mentor of the Automobile Engineering Department and on behalf of the entire faculty, I want to reassure you that we are here to look out for you and that we will always give you the greatest education possible.

Dr. Sk Tanbir Islam

Head of the Department

Automobile Engineering Department, DSCSITSC

Department of Automobile Engineering

•Faculty Achievements

1. Mr. Arindam Mukherjee participated in the five days Faculty Development Program on 'Alternative Fuels' organized by the Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, from 26.06.2023 to 30.06.2023.
2. Mr. Kalyan Mukherjee participated in the five days Faculty Development Program on 'Alternative Fuels' organized by the Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, from 26.06.2023 to 30.06.2023.
3. Mr. Pritam Bhattacharjee participated in the five days Faculty Development Program on 'Alternative Fuels' organized by the Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, from 26.06.2023 to 30.06.2023.
4. Mr. Shankha Ghosh participated in the five days Faculty Development Program on 'Alternative Fuels' organized by the Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, from 26.06.2023 to 30.06.2023.
5. Dr. Sk Tanbir Islam participated in the five days Faculty Development Program on 'Alternative Fuels' organized by the Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, from 26.06.2023 to 30.06.2023.
6. Dr. Ranendra Roy participated in the five days Faculty Development Program on 'Alternative Fuels' organized by the Department of Automobile Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, from 26.06.2023 to 30.06.2023.

Department of Automobile Engineering

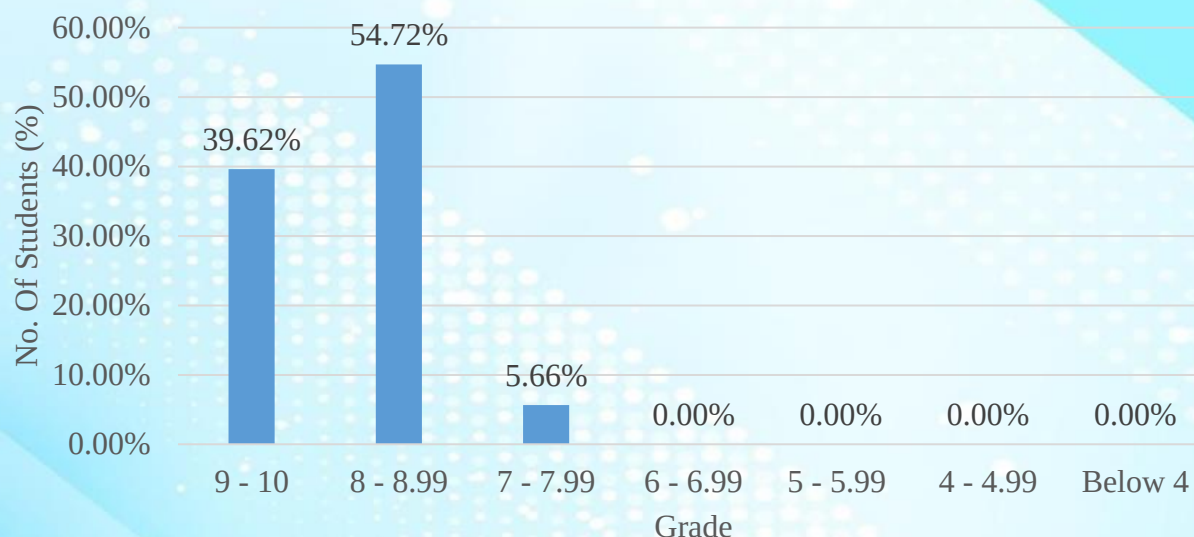
•Student Achievements



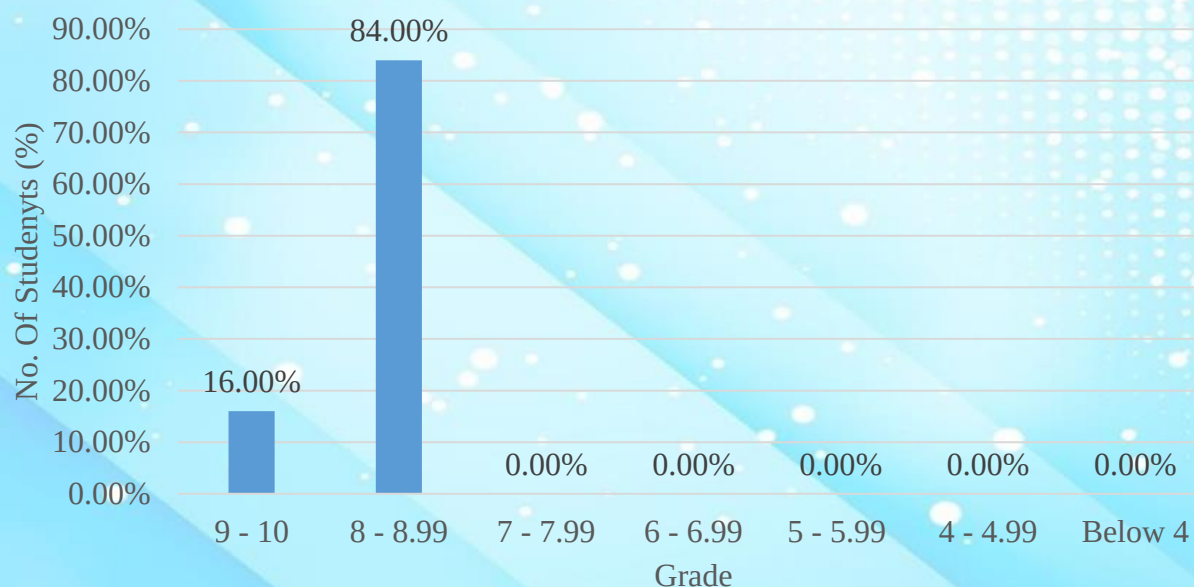
Department of Automobile Engineering

Result Analysis

YGPA wise Result Analysis (2nd Year, YGPA2)

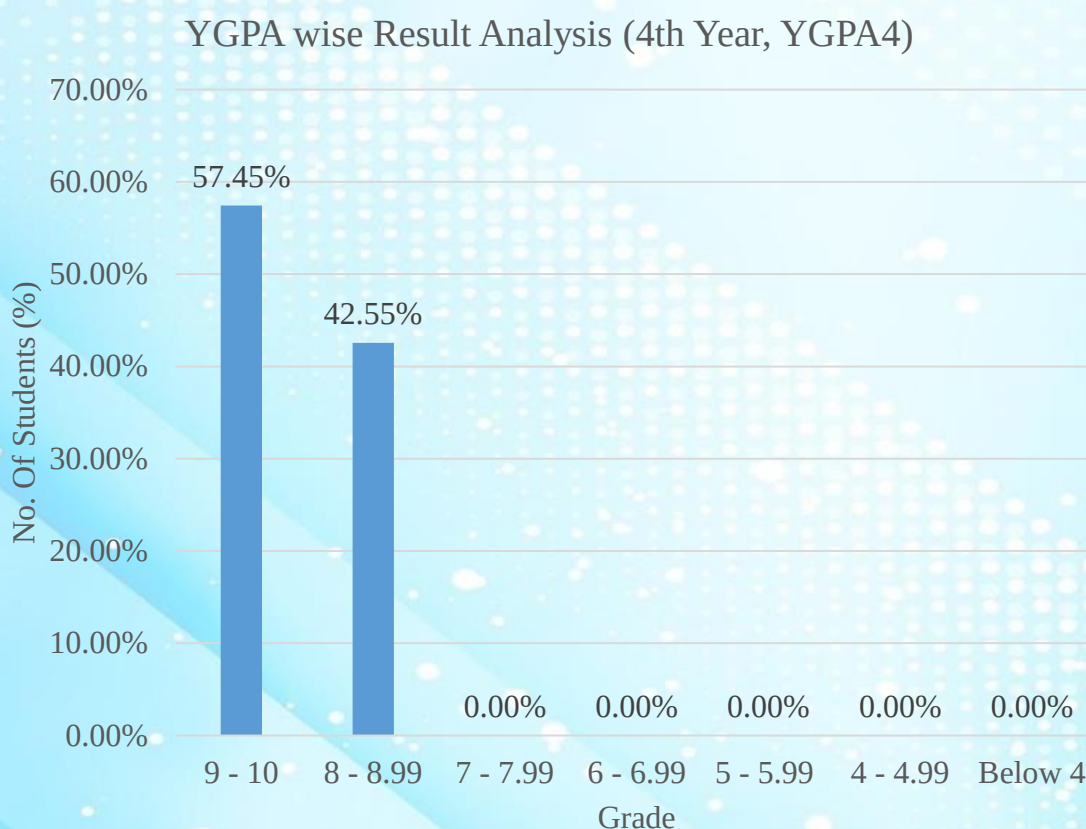


YGPA wise Result Analysis (3rd Year, YGPA3)



Department of Automobile Engineering

Result Analysis



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Computer Science & Engineering

ANNUAL REPORT 2022-23

Department of Computer Science & Engineering

Vision of the department

To address the challenges of societal needs and global industry requirements in the area of Computer Science & Engineering with state of art education and research.

Mission of the department

DM1: To provide an environment for education, research and development by imparting sound theoretical knowledge and practical skills in Computer Science & Engineering.

DM2: To produce skilled graduate Engineers capable of designing solutions for industry and society.

DM3: To produce skilled graduate Engineers capable of designing solutions for industry and society.

DM4: To produce graduates with personal and professional responsibilities with dedication to lifelong learning.

Department of Computer Science & Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, Formulate, review research literature and analyze complex engineering problems related to CSE and reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems related to CSE and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to computer science related complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the CSE professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.

Department of Computer Science & Engineering

- * **Ethics:** Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary Settings.
- * **Communication :** Communicate effectively on complex engineering activities with the engineering community and with society at large such as able to comprehend and with write effective reports and design documentation make effective presentations and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary environments.
- * **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning the broadest context of technological change.

Department of Computer Science & Engineering

Program Educational Objective (PEO)

PEO1: Graduates will be able to take up technical/managerial roles involving problem analyzing, solving, designing, development to production support in software industries as well as in R&D sectors.

PEO2: Graduates will pursue higher education/research.

PEO3: Graduates will adapt, contribute and innovate advance technologies and systems in the key domains of Computer Science & Engineering.

PEO4: Graduates will be ethically and socially responsible.

Programme Specific Outcomes (PSOs)

PSO1: Learn and adapt the latest technologies in the field of computer science and engineering.

PSO2: Identify and analyze real life problems and provide software solutions.

Department of Computer Science & Engineering

Brief Overview of the Department

The Department of Computer Science & Engineering of DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPOTS COMPLEX was commenced in the year of 2009. This stream is aimed at providing training in Computer Engineering, software design and hardware-software integration instead of only Software Engineering or Electronic Engineering. Computer Engineers are involved in many hardware and software aspects of computing, from the design of individual microprocessors, personal computers and supercomputers to circuit design. This field of Engineering will not only make the students aware of how the computer systems work, but also help them understand how to integrate each of them to make them work in the bigger picture.

Soft skill programs are embedded as regular part of academics for better placements. Department is conducting parent's teachers meeting time to time for constant monitoring of academics and attendance of the students. For maintaining better feedback, mentor mentee meeting is held in the department periodically.

Department of Computer Science & Engineering

HOD Message

Dear colleagues and students,

I am thrilled to address you as the Head of the Computer Science & Engineering Department and share my enthusiasm for the incredible work and progress we have made together. As we embark on this new academic year, I would like to extend a warm welcome to all members including future engineers to be associated with the teaching learning and R&D activities in the department.

Our department of Computer Science & Engineering welcomes you in the fascinating world of reality vs. virtual reality, from modeling to simulation, from action to implementation of real-world dynamics, engineering, algorithms etc. The Department is dedicated to basic teaching and problem solving of mathematics, physics, environmental science etc. and its application in day-to-day life. e.g., bio-medical engineering, security engineering, robotics and IoT etc. The programme starts with basic needs of the students of the departments to prepare them for upcoming challenges and lifelong learning. The Department provides a blooming environment to both students and faculties. Department interacts with industries and research organizations for state-of-the-art technologies by signing MOUs. Wishing you all a successful and rewarding academic year!

Prof. (Dr.) Himadri Biswas

HOD, Department of Computer Science & Engineering

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Search Engine Optimization with Google Analytics & Web Master Tools (26-12-2022 to 30-12-2022)

This comprehensive course offered participants a deep dive into Search Engine Optimization (SEO) strategies, with a focus on utilizing Google Analytics and Accelerated Mobile Pages (AMP) to enhance website visibility and performance. Through interactive sessions, case studies, and practical exercises, participants learned how to conduct thorough keyword research, optimize website content for search engines, and implement AMP for faster loading times on mobile devices. Additionally, participants gained valuable insights into analyzing website traffic, monitoring performance metrics, and troubleshooting issues using Google Analytics and Web Master Tools.

Mobile Application Development (26-12-2022 to 30-12-2022)

In this dynamic workshop, participants immersed themselves in the world of mobile application development, gaining hands-on experience in creating innovative and user-friendly mobile apps for both iOS and Android platforms. Through a combination of lectures, coding labs, and real-world projects, participants learned essential skills and techniques using modern mobile app development frameworks such as Swift (for iOS) and Kotlin (for Android). Topics covered included user interface design, data management, API integration, and app deployment strategies, empowering participants to develop high-quality mobile applications from concept to deployment.

Arduino with IoT (26-12-2022 to 30-12-2022)

Arduino with IoT provided participants with a practical understanding of building Internet of Things (IoT) solutions using Arduino microcontrollers. Through hands-on projects and experimentation, participants learned how to design, program, and deploy IoT devices for various applications.

Topics covered included sensor interfacing, data acquisition, wireless communication protocols, and cloud integration. Participants also explored real-world IoT use cases and learned how to troubleshoot common hardware and software issues, enabling them to develop innovative IoT solutions.

Ethical Hacking (26-06-2023 to 30-06-2023)

This intensive course focused on the principles and techniques of ethical hacking, equipping participants with the knowledge and skills needed to identify and mitigate cybersecurity threats. Through practical labs, simulations, and real-world scenarios, participants learned how to conduct penetration testing, vulnerability assessments, and network security audits. Topics covered included reconnaissance, exploitation, privilege escalation, and ethical considerations in offensive security practices. Participants also gained insights into the latest hacking tools and techniques used by cybersecurity professionals.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Introduction to Django (26-06-2023 to 30-06-2023)

Introduction to Django provided participants with a comprehensive introduction to web development using the Django framework. Through hands-on projects and guided instruction, participants learned how to build dynamic web applications using Django's powerful features and conventions. Topics covered included model-view-template (MVT) architecture, URL routing, form handling, authentication, and database integration with Django ORM. By the end of the course, participants were able to develop and deploy their own Django-based web applications.

Blockchain (26-06-2023 to 30-06-2023)

This course offered participants a thorough understanding of blockchain technology and its diverse applications across industries.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Student's achievements :

Inter-College Sports and Arts Victories

In the bustling arena of inter-college competitions, where talent meets dedication, the names of champions echo loud and proud. Let's take a moment to celebrate the triumphs of these remarkable individuals in various disciplines.

1. Ibhan Kumar Sharma - First Place in High Jump

In the realm of high jump, where soaring ambition meets precise execution, Ibhan Kumar Sharma stands tall as a beacon of excellence. With graceful strides and a determined spirit, Ibhan clinched the coveted first place in the Inter-College High Jump Competition. His athleticism, coupled with unwavering focus, propelled him to victory, leaving spectators in awe of his prowess.

2. Chandan Murmu - Second Place in Shot Put

Power and precision converge in the art of shot put, and Chandan Murmu proved himself a force to be reckoned with. Despite stiff competition, Chandan showcased impeccable technique and sheer strength, securing the second-place position in the Inter-College Shot Put Competition. His dedication to mastering the fundamentals of the sport earned him well-deserved accolades.

3. Raj Kumar Chetry - First Place in Badminton

In the fast-paced world of badminton, where agility meets strategy, Raj Kumar Chetry emerged triumphant. With lightning-fast reflexes and strategic finesse, Raj claimed the top spot in the Inter-College Badminton Competition. His relentless pursuit of excellence on the court and impeccable sportsmanship earned him the admiration of peers and spectators alike.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Student's achievements :

Inter-College Sports and Arts Victories

4. Pilot Tripura - First Place in High Jump

Joining the ranks of high jump champions is Pilot Tripura, whose name has become synonymous with greatness in the realm of athletics. With boundless determination and a leap of faith, Pilot soared to new heights, clinching the first-place title in the Inter-College High Jump Competition. His unwavering commitment to pushing the boundaries of his abilities inspires all who witness his extraordinary feats.

5. Ronald L Guite - Second Place in Badminton

In the fierce battleground of badminton, Ronald L Guite showcased remarkable skill and resilience. Despite facing formidable opponents, Ronald displayed strategic brilliance and unwavering resolve, securing the second-place position in the Inter-College Badminton Competition. His tenacity and sportsmanship serve as a shining example to aspiring athletes everywhere.

6. Rimika Chowdhury - First Place in Painting

Amidst the flurry of athletic competitions, Rimika Chowdhury distinguished herself as a beacon of creativity and artistic excellence. With a stroke of genius and a palette of vibrant hues, Rimika captured hearts and minds, earning the first-place title in the Inter-College Painting Competition. Her ability to evoke emotion and tell compelling stories through her art sets her apart as a true visionary.

In the tapestry of inter-college competitions, each victory is a testament to the indomitable human spirit and the relentless pursuit of excellence. Let us celebrate these champions who have etched their names in the annals of greatness, inspiring generations to come.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Student's achievements :

JAGANNATH MAITY has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program on 11 July, 2022.

ROUNAK SINGH has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program on 11 July, 2022.

DEEP DAS has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program on 11 July, 2022.

RIJIT SARKAR has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program on 11 July, 2022.

ANAS NADEEM has successfully completed the 30 hours training on “Augmented Reality” as part of Bolt TechnoShots program on 11 July, 2022.

AYUSH KUMAR JHA has successfully completed the 30 hours training on “Metaverse” as part of Bolt in TechnoShots program on 13 March, 2023.

SOUVIK GHOSH has successfully completed the 30 hours training on “Metaverse” as part of Bolt in TechnoShots program on 13 March, 2023.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Faculty's achievements :

MorphAttnNet: Revolutionizing Lung Cancer Subtype Classification

In the relentless battle against cancer, the quest for more accurate and efficient diagnostic tools is unending. Enter MorphAttnNet, a groundbreaking framework poised to revolutionize lung cancer subtype classification. Developed by Amitava Halder and his team in the field of Computer Science and Engineering, this innovation harnesses the power of attention-based morphology to achieve unparalleled precision in disease diagnosis.

The Framework:

At its core, MorphAttnNet is a sophisticated neural network architecture designed to analyze medical imaging data with unprecedented depth and accuracy. By integrating attention mechanisms into the framework, researchers can pinpoint subtle morphological features within lung scans that may indicate specific cancer subtypes.

Key Features:

- 1. Attention Mechanisms:** The incorporation of attention mechanisms allows MorphAttnNet to focus selectively on relevant regions of interest within lung scans, effectively filtering out extraneous noise and enhancing diagnostic accuracy.
- 2. Morphological Analysis:** Unlike traditional classification methods that rely solely on pixel-level features, MorphAttnNet delves deeper into the intricate morphological characteristics of cancerous lesions. This comprehensive approach enables more nuanced subtype classification and facilitates early detection of abnormalities.
- 3. Interdisciplinary Collaboration:** By bridging the gap between Computer Science and Biomedical Signal Processing, MorphAttnNet embodies the synergy of diverse expertise. Collaborative efforts between engineers, data scientists, and medical professionals have yielded a truly transformative tool for cancer diagnosis.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Faculty's achievements :

Impact and Implications:

The implications of MorphAttnNet extend far beyond the realm of research laboratories. With its unparalleled accuracy and efficiency, this framework has the potential to revolutionize clinical practice, enabling physicians to make faster and more informed decisions in the diagnosis and treatment of lung cancer.

Conclusion:

MorphAttnNet represents a paradigm shift in the field of lung cancer diagnosis, offering a powerful new tool for subtype classification. By leveraging attention-based morphology and cutting-edge neural network architecture, Amitava Halder and his team have paved the way for more precise, personalized approaches to cancer care. As we continue to harness the power of technology in the fight against disease, innovations like MorphAttnNet stand as beacons of hope for patients and practitioners alike.

[Link to the article](<https://www.sciencedirect.com/science/article/abs/pii/S1746809423005827>)

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Faculty's achievements :

Research Contributions of Rinku Supakar and Madhusmita Mishra

Rinku Supakar and Madhusmita Mishra, distinguished researchers in their respective fields, have made significant contributions to the advancement of sustainable environmental engineering, energy-efficient optimization, and software architecture. Their works have been presented at prestigious international conferences and published in reputable academic journals, showcasing their expertise and innovative approaches to tackling contemporary challenges.

1. International Conference on Sustainable Environmental Engineering and Science

At the International Conference on Sustainable Environmental Engineering and Science, Rinku Supakar and Madhusmita Mishra collaborated on a paper titled "An Overview of Energy Efficient Optimization and Green Networking." This paper delves into the critical intersection of energy efficiency and environmental sustainability, offering insights into optimization techniques and green networking strategies. Their comprehensive analysis contributes to the ongoing discourse on mitigating the environmental impact of technological advancements.

2. International Conference on Innovations in Software Architecture and Computational Systems

Madhusmita Mishra's solo contributions at the International Conference on Innovations in Software Architecture and Computational Systems underscore her expertise in the field of software architecture and computational analysis. In one presentation, she explored "Analysis of Datasets Using Soft Computing Techniques," showcasing the application of soft computing methods in data analysis. Additionally, Madhusmita presented "An Intelligent Model for Predicting Human Diseases by Using Machine Learning Techniques," demonstrating the potential of machine learning in healthcare diagnostics. These contributions highlight her interdisciplinary approach and commitment to leveraging cutting-edge technologies for societal benefit.

Department of Computer Science & Engineering

COMPUTER SCIENCE & ENGINEERING DEPARTMENTAL NEWS AT A GLANCE

Faculty's achievements :

Conclusion

Rinku Supakar and Madhusmita Mishra's research endeavors exemplify the intersection of innovation, sustainability, and technological advancement. Through their collaborative efforts and individual contributions, they have advanced knowledge in energy-efficient optimization, green networking, software architecture, and healthcare analytics. Their work serves as a testament to the importance of interdisciplinary collaboration in addressing complex global challenges and shaping a more sustainable and technologically advanced future.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

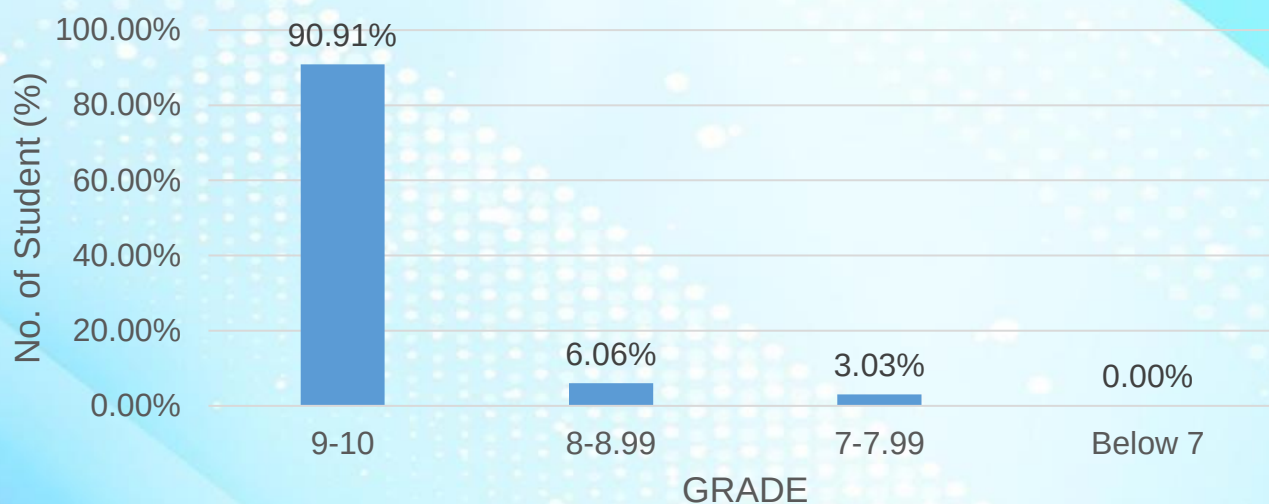
Department of Computer Science & Engineering

Result Analysis 2022-2023

Department of CSE

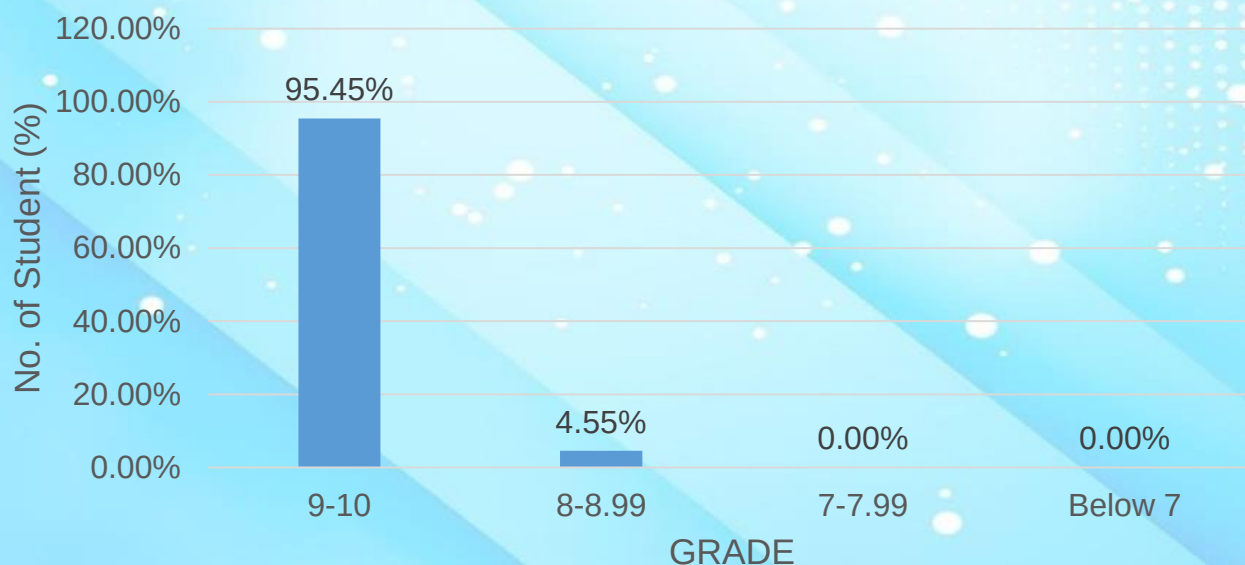
3rd Semester

SGPA-Wise Result Analysis (2022 ODD SEM 2ND YEAR)



4th Semester

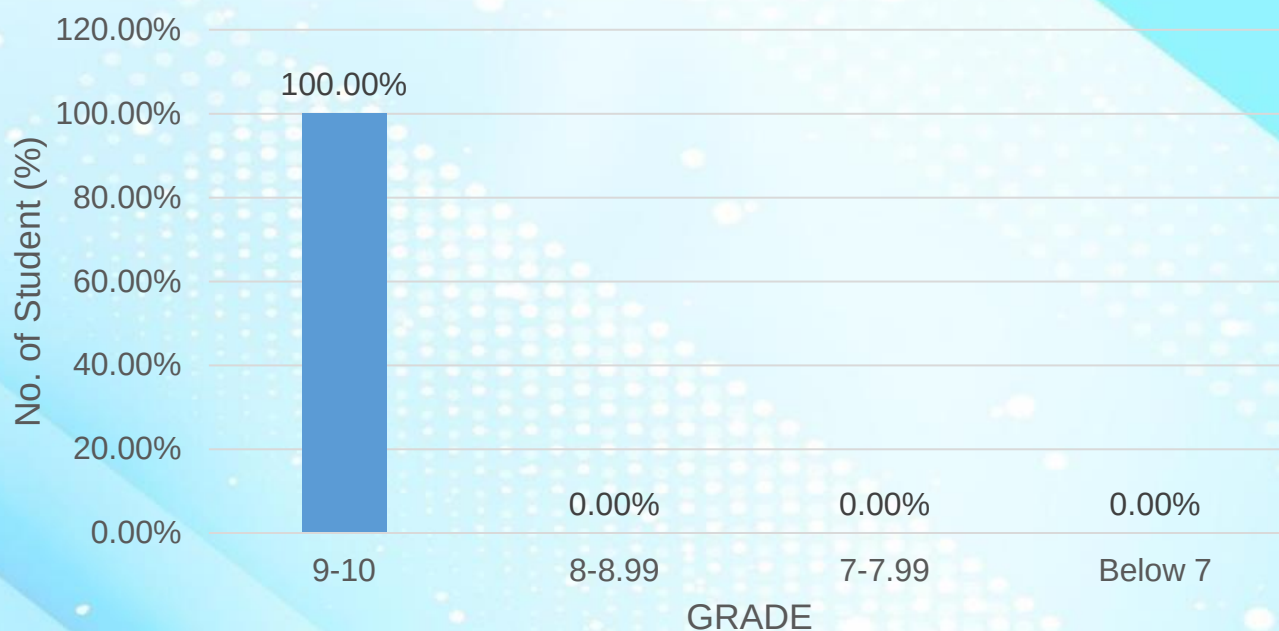
SGPA-Wise Result Analysis (2023 EVEN SEM 2ND YEAR)



Department of CSE

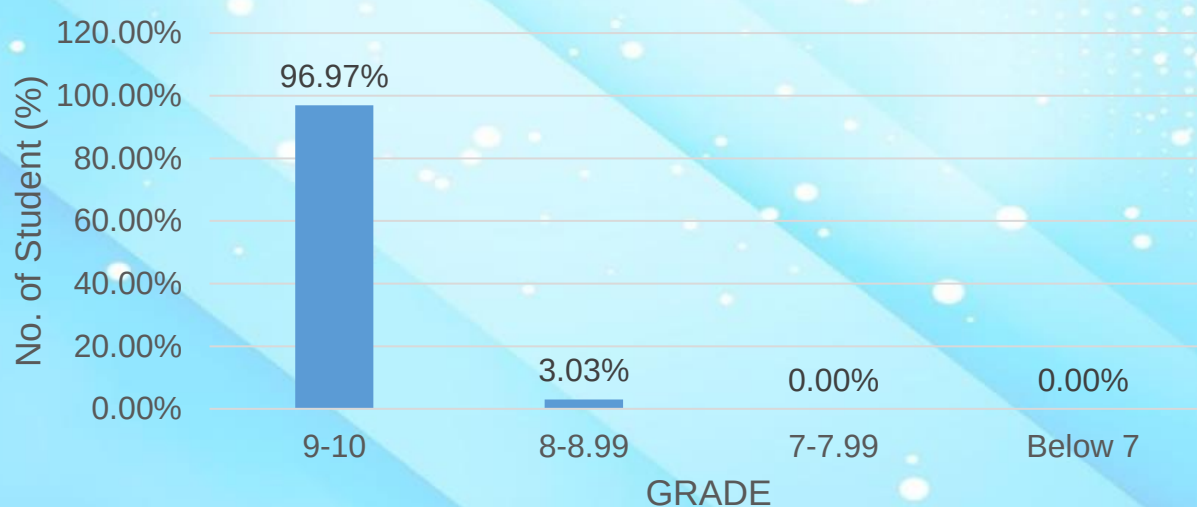
5th Semester

SGPA-Wise Result Analysis (2022 ODD SEM 3RD YEAR)



6th Semester

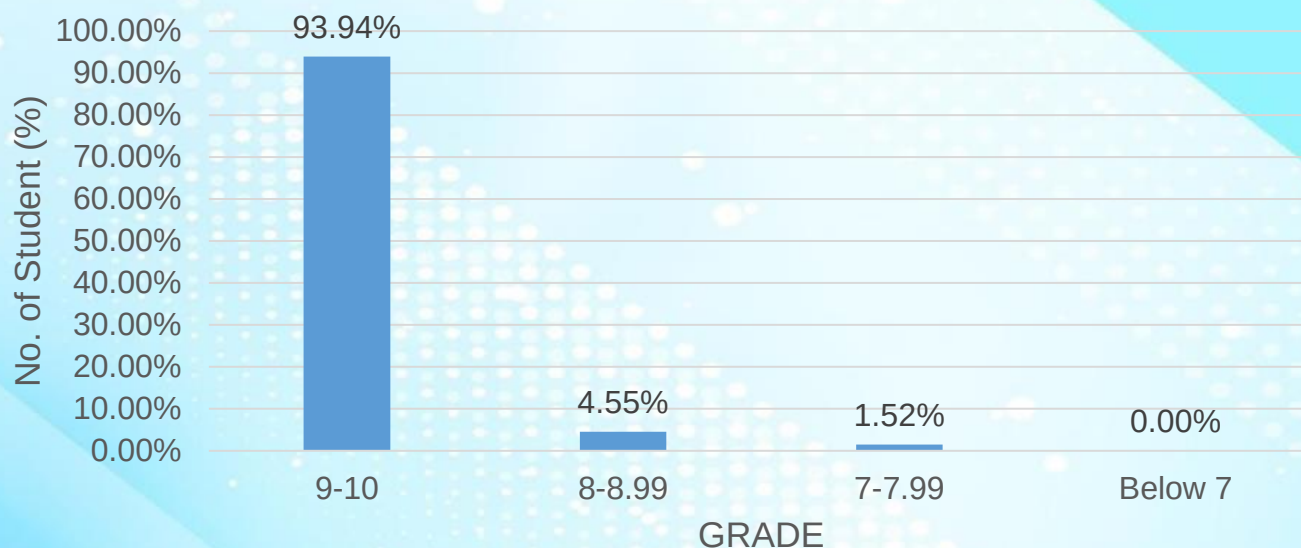
SGPA-Wise Result Analysis (2023 EVEN SEM 3RD YEAR)



Department of CSE

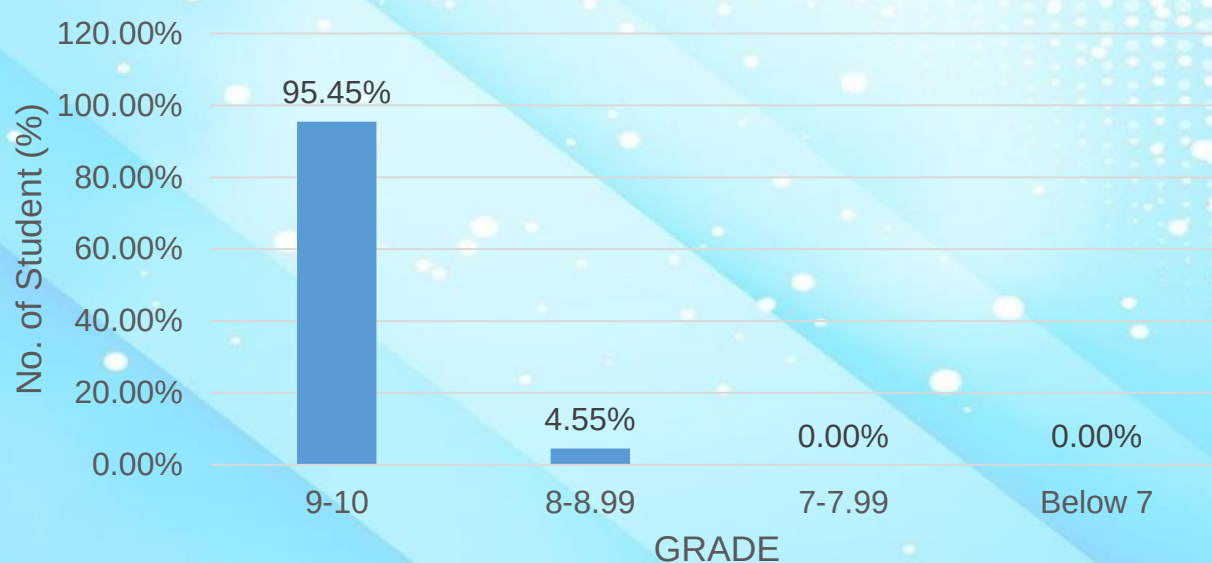
7th Semester

SGPA-Wise Result Analysis (2022 ODD SEM 4TH YEAR)



8th Semester

SGPA-Wise Result Analysis (2023 EVEN SEM 4TH YEAR)



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Electronics and Communication Engineering

ANNUAL REPORT 2022-23

Department of Electronics and Communication Engineering

Vision of the department

To be recognized as an internationally acclaimed technical department by To create an educational environment to mould the students to meet the modern Electronics & Communication industry's challenges through state- of-the-art technical knowledge and innovative approaches. Our fundamental tenets are quality, equity, morality, environmental sustainability, energy- saving, and a strong dedication to the cause of technical education and service.

Mission of the department

DM1: To provide State-of-Art Technical Education.

DM2: To conduct research and innovation that will result in the manifestation of knowledge intellectual property.

DM3: To instill in students a sense of professional ethics and societal responsibility..

DM4: To inculcate teamwork and leadership to be industry-ready and employable.

DM5: To assist graduates in becoming an entrepreneur. skills in students

Department of Electronics and Communication Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Electronics and Communication Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Electronics and Communication Engineering

Program Educational Objective (PEO)

PEO1: Knowledge of Basic Engineering Sciences: To demonstrate professional accomplishment in industry and academic organizations by demonstrating competence in mathematics, engineering fundamentals, electronics and communication engineering, and related subjects..

PEO2: Engineering Design Skills: To provide the students with the required problem-solving abilities for general engineering design practice.

PEO3: Problem Solving Ability: To develop engineering graduates who can solve problems and go onto advanced study and research in various fields.

PEO4: Programming Skills: Exercising the computer programming skills in writing, testing and maintaining the programs for transforming every student to find employment in the field of Electronics, Science & Technology.

PEO5: Technical Dexterity: To provide the knowledge of designing, building, and testing electronic systems for given specifications using hardware and software techniques in contemporary research and current industry trends.

PEO6: Professional Competence: To implant professional and ethical mindset, strong communication skills, teamwork skills, leadership traits, management abilities in the students for a successful professional career and societal needs.

Department of Electronics and Communication Engineering

Programme Specific Outcomes (PSOs)

PSO1: To analyze, design, and develop solutions for current issues, as well as to use technical expertise to create high- quality products for the electronics and communication-based industries.

PSO2: To develop creative concepts and solutions in RF & Communication, Networking, Embedded Systems, and VLSI in order to adapt to new information and communication technologies.

PSO3: The capacity to apply acquired technical knowledge to find employment in the electronics and communications industries as well as to succeed as an entrepreneur.

Department of Electronics and Communication Engineering

Brief Overview of the Department

The department of ECE started in 2009 with the capacity of 60 intakes in B.Tech and later added M.Tech courses in Communication Engineering in the year 2013. Both these courses are highly successful and the pass outs are able to contribute immensely in science and technology field.

Every year the successful students are placed in different upcoming domains such as modern telecommunication engineering, Nano technology, VLSI designs, embedded systems, high frequency RF technology, mobile communications, etc. The applicability of Electronics and Communication Engineering is in every aspect of modern technology and therefore it requires constant update with recent R&D practices. The students get enough opportunity to explore the fields of their interest while perusing their regular degrees.

Department of Electronics and Communication Engineering

HOD Message

Dear colleagues and students,

Being the Head of the Department of Electronics and Communication Engineering (ECE), of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex. I am delighted to express my thoughts about the departmental growth. It offers four years full time B-TECH program in ECE. The average passing result is excellent in the department. Almost 10-12% students scored above 9 DGPA. Apart from this we are running P.G. Programs, M-TECH. in Electronics & Comm. Engg. since 2013 The department of ECE offers premier professional technical training that keeps in pace with the latest developments in the field of Electronics and Communication Engineering. We have excellent infrastructure, highly experienced faculties and professionals, associated with research work which collectively ensure dynamic and vibrant environment in the campus. Some of the Faculty members of this department went to attend International Conferences in abroad.

Department of Electronics and Communication Engineering

The department has organized International & National Educational Programs Seminars, Workshops, Faculty Development Programs and Industrial tours). Events like Poster presentation, Technical Quiz contest, Chess completion and Table tennis competition are organized for the students by the department. There are more than 50 publications are done by the faculty & students in National & International Journals & Conferences Seven national patents are published by our faculty and staff members, . Many of our Alumni are settled in abroad and also many of the students are placed in so many reputed Govt sectors and Private Sectors Company and Research Organizations. There is also separate Departmental Library apart from the Central Library in the ECE department. There are many high valued simulation software are present in our department like Tanner SPICE, CADENCE, Matlab 2019b, Visual TCAD, HFSS, Qualnet, Active HDL, MPLS, Altera & Quartus II, TMS Kit with Code Composer Studio etc

Dr. Abhigyan Ganguly

**HOD, Department of Electronics and Communication Engineering
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex**

Department of Electronics and Communication Engineering

ECE DEPARTMENTAL NEWS AT A GLANCE

Students' Achievement

1. Vishal Jha; Somnath Dasgupta; Abhigyan Ganguly, Study of PbS Nanomaterial Sensitized ZnO based Solar Cell using SCAPS-1D Simulator, 2023 International Symposium on Devices, Circuits and Systems (ISDCS), DOI: 10.1109/ISDCS58735.2023.10153556, 2023 [SCOPUS].
2. Shayantika Dhar, Bishal Maji, Sunai Das, Munai Das , Relative Study on Performance analysis of DMFET and DMTFET based Transducers, ICCECE 2023, 10.1109/ICCECE51049.2023.10085414. [SCOPUS]
3. Mrittika Ghosh, Ankan Ghosh, Aditi Bhattacharya, Abir Kapat, Soumyadeep Mandal, Sambit Prasad & Ananya Banerjee, Smart Device and Mobile Application for Remote Health Monitoring and Alarming. Emerging Electronic Devices (Proceedings of ISDCS-2022), Circuits and Systems, pp 375-383, DOI: 10.1007/978-981-99-0055-8_31. 2023. [SCOPUS]
4. V. Jha, A.Banerjee, S. Dhar, D. Manna, S.J. Mukhopadhyay, Review on DMTFET based Bioesensors, 2023 International Symposium on Devices, Circuits and Systems (ISDCS). [SCOPUS]
5. Aman Sah, Shahid Parvez, Aman Kumar, Rohit Modak, Ananya Banerjee, Design and Implementation of a Low-Cost Ultrasonic Radar System using an Arduino Microcontroller, Proceedings of National Conference in Sustainable Engineering (ISBN: 978-93-89817-88-1), 2022.
6. Chiranjit Das, Ankush Sharma, Debasmita Manna, Dry Handwashing machine by Fig Disinfection, Proceedings of National Conference in Sustainable Engineering (ISBN: 978-93-89817-88-1), p.26, 2022.

Department of Electronics and Communication Engineering

ECE DEPARTMENTAL NEWS AT A GLANCE

Faculty Achievement

1	Copper Ion Irradiated SnO2 Quantum Dots for Higher Electroluminescence in Nano Light Emitting Device	Abhigyan Ganguly	Electronic s and Communic ation Engineerin g	IEEE Sensors Letters	2475-1472	https://ieeexplore.ieee.org/document/9904849		
2	An IoT-enabled Agricultural Gadget to Measure Growth of Jackfruit using 2-axis JoyStick	Anirbit Sengupta	Electronic s and Communi cation Engineeri ng	IEEE Instrumentation & Measurement Magazine	1941-0123	https://ieeexplore.ieee.org/document/9759351		
3	Ananya Banerjee	International Symposium on Devices Circuits and Systems	Smart Device and Mobile Application For Remote Health Monitoring and Alarming.	2023	978-981-99-0055-8	Springer Singapore	https://doi.org/10.1007/978-981-99-0055-8_31	978-981-99-0055-8
4	Debasmita Manna	5th International Conference on 2023 Devices for Integrated Circuit, DevIC 2023	Towards Energy-Efficient Cost-Effective Toffoli Gate Design using Quantum Cellular Automata	2023	979-8-3503-4726-5	IEEE Xplore	https://ieeexplore.ieee.org/document/10135003	979-8-3503-4726-5

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

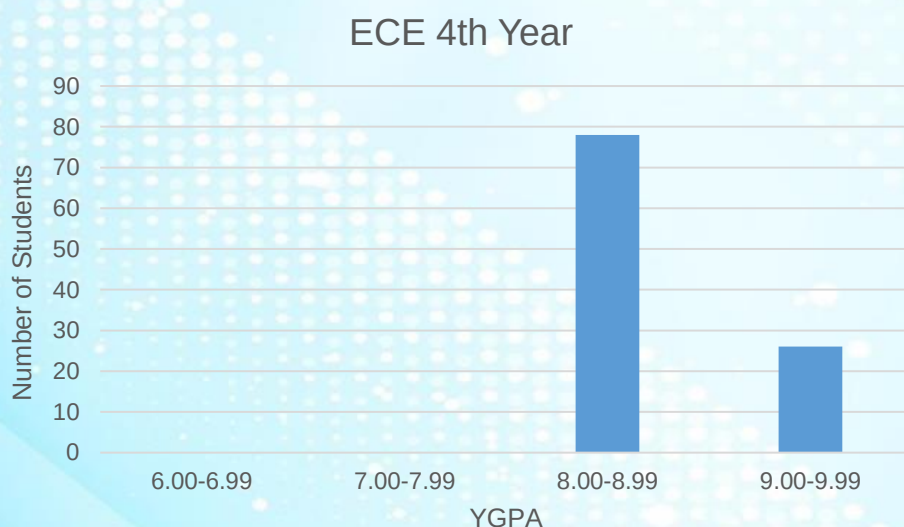
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Electronics and Communication Engineering

Result Analysis 2022-23

Department of Electronics and Communication Engineering

4th Year



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Electrical Engineering

ANNUAL REPORT 2022-23

Department of Electrical Engineering

Vision of the department

To create an ethical human resource proficient, in domains related to Electrical Engineering, for a successful career in the service of society.

Mission of the department

DM1: To impart quality education and training in Electrical Engineering with an overall background suitable for making a successful Engineer in industry and researcher higher education.

DM2: To develop life-long learning skills that allows them to be adaptive and responsive to changes in society, technology and the environment, as well as career demands.

DM3: To provide an accredited dynamic scholarly environment wherein students learn to develop communications and leadership abilities to blossom as a professional.

DM4: To ensure that every graduate is aware of the roles and responsibilities of the professional engineer in society through exposure to ethics, equity, safety and health considerations

Department of Electrical Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Electrical Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Electrical Engineering

Program Educational Objective (PEO)

PEO1: Graduates will possess expertise in problem analysis, solving, designing, skills, and necessary information for a successful career in the field of Electrical Engineering.

PEO2: Graduates will accomplish practical acquaintance in modern designing tools, technologies, and Engineering software in Electrical Engineering.

PEO3: Graduates will be outstanding in communication, teamwork, and multidisciplinary approach related to engineering issues in a social context.

PEO4: Graduates will excel in a competitive environment towards leadership and life-long learning which is needed for a successful professional career.

Department of Electrical Engineering

Programme Specific Outcomes (PSOs)

PSO 1: Graduates will be able to solve real-life problems of power systems and power electronics using Power World, PSIM, and MATLAB software tools and hardware.

PSO 2: Able to provide socially acceptable technical solutions to complex electrical engineering problems with the application of modern and appropriate techniques for sustainable development.

Department of Electrical Engineering

Brief Overview of the Department

The Department of Electrical Engineering was established in the year 2011 at the very inception of Sur Institute of Technology & Sports Complex. The department started with a 4-year B.Tech course with an intake capacity of 60 seats. It has an eminent pool of highly experienced academicians and industry persons as faculty and technical staff members.

Electrical Engineering is a professional core engineering discipline that deals with the generation of electricity from different power plants, the design of power plants, the transmission of the generated power using transmission lines, the design of transmission and distribution systems, medium voltage and high voltage transmission of power, distribution of generated power to different industries, commercial customers, domestic consumers and also in agricultural areas. This discipline also deals with designing different machines for power plants, industry applications, home appliances, and many more.

Electrical engineering takes place in the public sector from municipal through to national governments, and in the private sector from IT (to handle projects related to electrical engineering and many more) through to international companies.

Started in the year 2011, the Department of Electrical Engineering prepares students to address the most compelling real-world electrical challenges, backed by sound knowledge, integrity, research, and innovation.

With state-of-the-art infrastructure, faculty of the highest professional standards, a carefully crafted curriculum, active industry-academia collaborations, and global exposure, the Department of Electrical Engineering, DSCITSC, provides students with focused knowledge and practical skills, research, and innovation along with value-added training to prepare them for job ready.

Department of Electrical Engineering

HOD Message

Welcome to the Department of Electrical Engineering, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, Dumdum, Kolkata. Electrical Engineering (EE) is the front runner because of its recent recognition and adoption by all industries and academia, thereby gaining the self-confidence of our students to compete successfully with all competitive disciplines. It imparts quality education in multifarious disciplines of Electrical, Electronics, Computer Science, Control Engineering, etc. along with generation, transmission, and distribution of electrical power and a set of subjects especially focusing on the performance and design of DC, AC, and Special Electric Machines. The focus of the department is to imbibe the students with potential through broad exposure to all aspects that facilitate their all-round development.

The department has a dedicated team of faculties with a wide spectrum of specializations such as Power Electronics, Power Systems, Control systems, Industrial Drives, hybrid vehicles, computer engineering, and High Voltage for green energy. The course has a healthy blend of Power Engineering, Electronics, and Computer Engineering. The course pattern is planned to keep the students up-to-date with recent trends by organizing regular training, e-learning through MOOC, industrial visits, workshops, conferences, faculty development programs, etc. The students are provided a platform to think, express, and exhibit their skills.

Department of Electrical Engineering

We produce graduates to become future leaders in industry, academia, government, and society in India whose vision is founded upon fundamental knowledge, creative and analytical skills, local/regional perspective, and ethics. Through a good blend of coursework and projects, the department endows students with the ability to apply knowledge of science, mathematics, and engineering to work effectively in multidisciplinary teams, provide leadership and technical expertise, and practice engineering with ethical approaches and concern for society and the environment.

On the whole, we are committed to creating and erecting a professional graduate community that is vivacious and provides continuous learning. We encourage students, parents, and prospective faculty members to go through the information provided on the website and join us.

Dr. Sayantan Chakraborty

HOD & Associate Professor

Department of Electrical Engineering

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Department of Electrical Engineering

DEPARTMENTAL NEWS AT A GLANCE

Department of Electrical Engineering organized the following events:

- A webinar on Opportunities for Students & Faculties as Early-Stage Entrepreneurs Sustainability in Electrical Engineering Mr. Sobhan Chakraborty, Founder-Director, Megh Robotics, Patna on 22nd July, 2022
- Career Counselling Webinar on 13th and 14th July, 2022
- MoU signed with "SunnyRay Solutions", 584, M.B. Road, Birati, West Bengal, Kolkata 70005 on 29th July, 2022
- Career Counselling Webinar on 2nd and 3rd August, 2022
- Organized Blood Donation Camp in association with Lions Club Pyradanga on 18th August, 2022
- MoU signed with "Ardent Comptech PVT LTD" on 25th August, 2022
- MoU signed with "Scraptechies" on 26th August, 2022
- A seminar on "Insight on Entrepreneurship" by Mr. Sobhan Chakraborty, Founder-Director, Megh Robotics, Patna on 26th August, 2022
- Wall Magazine "Surge" published on 8th September, 2022
- Organized Free Eye Check Up Camp in association with Lions Club Pyradanga on 21st September, 2022
- A workshop on "How to use Vedic Maths in Competitive examination?" by Mr. Suvendu Mondal on 23rd September, 2022
- Sharadiya Magazine "Pujor Chithi" published on 26th September, 2022
- Industrial Visit at Pascal Switchcare Pvt. Ltd. on 4th November, 2022
- Industrial Visit at SunCraft Energy Pvt. Ltd. on 5th November, 2022
- Parents Teacher meet on 26th November, 2022
- A Webinar/ Workshop on Start-up/Entrepreneurship/ Innovations in association with Nikhil Bharat on 10th March, 2023
- A webinar on Contest/Events on Start-up/ Entrepreneurship/Innovations in association with Cybermotion Technologies Pvt. Ltd. on 9th March, 2023
- A webinar on Events on Start-up/ Entrepreneurship/Innovations by Mr.Indranil De Sarkar in association with Ardent Comptech PVT LTD on 20th March, 2023
- MoU signed with "MSME–TOOL ROOM (CTTC), BONHOOGHLY-Kolkata Section" on 20th April, 2023
- Industrial Visit at MSME–TOOL ROOM (CTTC), BONHOOGHLY-Kolkata Section on 25th April 2023
- Seminar on Development of Skills for Undergraduate and Diploma Engineering Students in association with MSME Tool Room, Kolkata Section on 12th May, 2023
- Summer visit at Electrical Machine Laboratory from Dum Dum Motijheel Girls' High School on 12th May, 2023
- Farewell Programme for 2023 passout batch on 28th June, 2023

Department of Electrical Engineering

Departmental achievements

Student's achievements :

- Sayan Deep Das has published a conference paper titled "Power Flow Feasibility Analysis of IEEE 9 Bus System Applying Renewable Energy Sources" at National Conference in Sustainable Engineering on 17.05.2023 under the guidance of Dr. Sayantan Chakraborty, Mrs. Rumrum Banerjee, Mr. Prathita Roy and Mr. Suvendu Mondal, ISBN NO: 978-93-89817-88-1, Publication type: National
- Kriti Keshari, Mayukh Bhattacharyya, Arpan Das, Rohit Kumar Rajbhar have published a conference paper titled "An Analytical Approach of Design and Construction of a Solar Van Considering Economic Aspects" at National Conference in Sustainable Engineering on 17.05.2023 under the guidance of Mr. Prathita Roy, Mr. Suvendu Mondal, Dr. Sayantan Chakraborty and Mrs. Rumrum Banerjee, ISBN NO: 978-93-89817-88-1, Publication type: National
- Nikita Sarker, Mayurakshi Ghoshal, Rohit Kumar Rajbhar, Ankit Patra have published a conference paper titled "Predictive Energy Performance Optimization Analysis of an On-Grid Solar Photovoltaic System" at National Conference in Sustainable Engineering on 17.05.2023 under the guidance of Dr. Sayantan Chakraborty, Mr. Suvendu Mondal, Mrs. Rumrum Banerjee and Mr. Prathita Roy, ISBN NO: 978-93-89817-88-1, Publication type: National
- Ankit Patra, Rohit Kumar Rajbhar have published a conference paper titled "Energy Performance Feasibility Analysis of a Solar PV Storage System" at National Conference in Sustainable Engineering on 17.05.2023 under the guidance of Dr. Sayantan Chakraborty, Mrs. Rumrum Banerjee, Mr. Prathita Roy and Mr. Suvendu Mondal, ISBN NO: 978-93-89817-88-1, Publication type: National
- Pranabesh Adak, Sayandeep Das, Nayan Hazra, Soumya Dhang, Ram Mangal Bhattacharya have published a conference paper titled "Effect of Variation of pulses in an Improved Dimmable LED Driving Scheme for Low Voltage Application" at National Conference in Sustainable Engineering on 17.05.2023 under the guidance of Mrs. Rumrum Banerjee, Dr. Sayantan Chakraborty, Mr. Prathita Roy and Mr. Suvendu Mondal, ISBN NO: 978-93-89817-88-1, Publication type: National
- Subhankar Bhowmik, Joyeeta Roy, Nitesh Ranjan have published a conference paper titled "BUMPLESS CONTROL OF PMSM FROM OPEN LOOP TO CLOSE LOOP & VICE-VERSA" at National Conference in Sustainable Engineering on 17.05.2023 under the guidance of Mr. Suvendu Mondal, Mr. Prathita Roy, Dr. Sayantan Chakraborty and Mrs. Rumrum Banerjee, ISBN NO: 978-93-89817-88-1, Publication type: National

Department of Electrical Engineering

Departmental achievements

Faculty's achievements :

Dr.Sayntan Chakraborty	COURSERA course on Solar Energy Basics
Mr. Prathita Roy	COURSERA course on Solar Energy Basics
Mr. Prathita Roy	1.Best Wicket Keeper of the Tournament 2. Man of the match in Semi final 3. Man of the Match in Group League in "JIS Samman, Feb-2022 (Cricket)"
Mr. Prathita Roy	SurTech Laurels
Mrs. Rumrum Banerjee	COURSERA course on Solar Energy Basics

Department of Electrical Engineering

Departmental achievements

Faculty Publications :

- Mrs. Rumrum Banerjee, published Journal on “Designing PID Controller Using improved Differential-Pole-clustering Approach of Model Order Reduction Techniques”, Journal of Engineering Research, Oct. 2022
- Mrs. Rumrum Banerjee, published Journal on “Stability analysis of reduced order distributed generation system (DGS) using logarithmic pole approximation”, Sadhana, Dec. 2022
- Mrs. Rumrum Banerjee, published a conference paper titled “Power Flow Feasibility Analysis of IEEE 9 Bus System Applying Renewable Energy Sources” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Mrs. Rumrum Banerjee, published a conference paper titled “An Analytical Approach of Design and Construction of a Solar Van Considering Economic Aspects” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Mrs. Rumrum Banerjee, published a conference paper titled “Predictive Energy Performance Optimization Analysis of an On-Grid Solar Photovoltaic System” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Mrs. Rumrum Banerjee, published a conference paper titled Energy Performance Feasibility Analysis of a Solar PV Storage System” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Mrs. Rumrum Banerjee, published a conference paper titled “Effect of Variation of pulses in an Improved Dimmable LED Driving Scheme for Low Voltage Application” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Mrs. Rumrum Banerjee, published a conference paper titled “BUMPLESS CONTROL OF PMSM FROM OPEN LOOP TO CLOSE LOOP & VICE-VERSA” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Dr. Sayantan Chakraborty, published a conference paper titled “Power Flow Feasibility Analysis of IEEE 9 Bus System Applying Renewable Energy Sources” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Dr. Sayantan Chakraborty, published a conference paper titled “An Analytical Approach of Design and Construction of a Solar Van Considering Economic Aspects” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1

Department of Electrical Engineering

Departmental achievements

Faculty Publications :

- Dr.Sayantan Chakraborty, published a conference paper titled “Predictive Energy Performance Optimization Analysis of an On-Grid Solar Photovoltaic System” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Dr.Sayantan Chakraborty, published a conference paper titled Energy Performance Feasibility Analysis of a Solar PV Storage System”at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Dr.Sayantan Chakraborty, published a conference paper titled “Effect of Variation of pulses in an Improved Dimmable LED Driving Scheme for Low Voltage Application” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Dr.Sayantan Chakraborty, published a conference paper titled “BUMPLESS CONTROL OF PMSM FROM OPEN LOOP TO CLOSE LOOP & VICE-VERSA” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Mr. Prathita Roy, published a conference paper titled “Power Flow Feasibility Analysis of IEEE 9 Bus System Applying Renewable Energy Sources” at National Conference in Sustainable Engineering, ISBN NO: 978-93-89817-88-1
- Mr. Prathita Roy, published a conference paper titled “An Analytical Approach of Design and Construction of a Solar Van Considering Economic Aspects” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Mr. Prathita Roy, published a conference paper titled “Predictive Energy Performance Optimization Analysis of an On-Grid Solar Photovoltaic System” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Mr. Prathita Roy, published a conference paper titled Energy Performance Feasibility Analysis of a Solar PV Storage System”at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Mr. Prathita Roy, published a conference paper titled “Effect of Variation of pulses in an Improved Dimmable LED Driving Scheme for Low Voltage Application” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-88-1
- Mr. Prathita Roy, published a conference paper titled “BUMPLESS CONTROL OF PMSM FROM OPEN LOOP TO CLOSE LOOP & VICE-VERSA” at National Conference in Sustainable Engineering,ISBN NO: 978-93-89817-

Department of Electrical Engineering

Departmental achievements

Faculty Publications :

- Dr.Sayantan Chakraborty published a patent titled DEVELOPMENT OF AN INTELLIGENT TRANSISTOR SYSTEM FOR SMART CITIES TO PROVIDE COMMERCIAL PARKING SPACES USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES on 30/12/2022, Patent Application Number: 202211074981
- Mr. Prathita Roy published a patent titled DEVELOPMENT OF AN INTELLIGENT TRANSISTOR SYSTEM FOR SMART CITIES TO PROVIDE COMMERCIAL PARKING SPACES USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES on 30/12/2022, Patent Application Number: 202211074981
- Mrs. Rumrum Banerjee published a patent titled DEVELOPMENT OF AN INTELLIGENT TRANSISTOR SYSTEM FOR SMART CITIES TO PROVIDE COMMERCIAL PARKING SPACES USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING TECHNIQUES on 30/12/2022, Patent Application Number: 202211074981

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

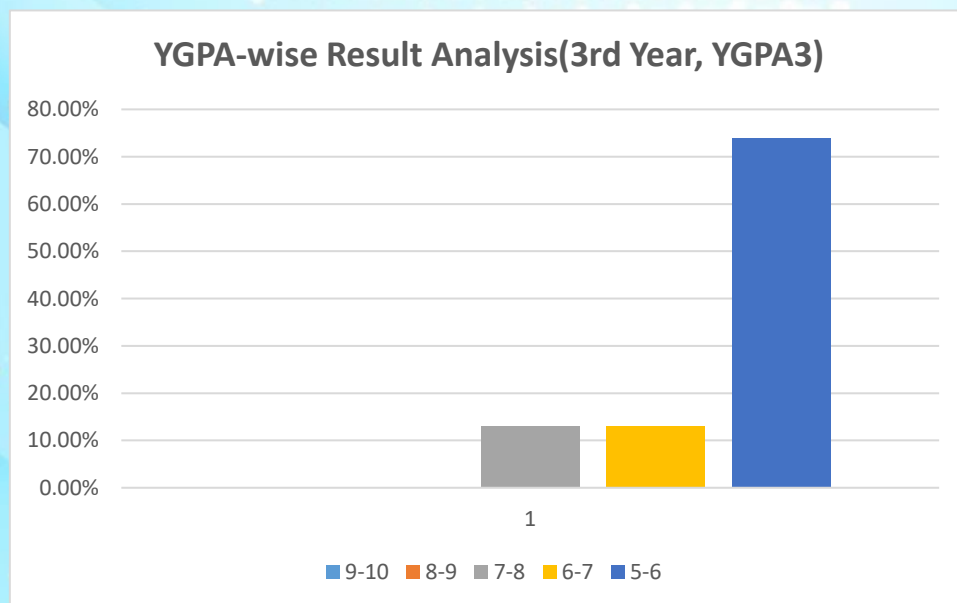
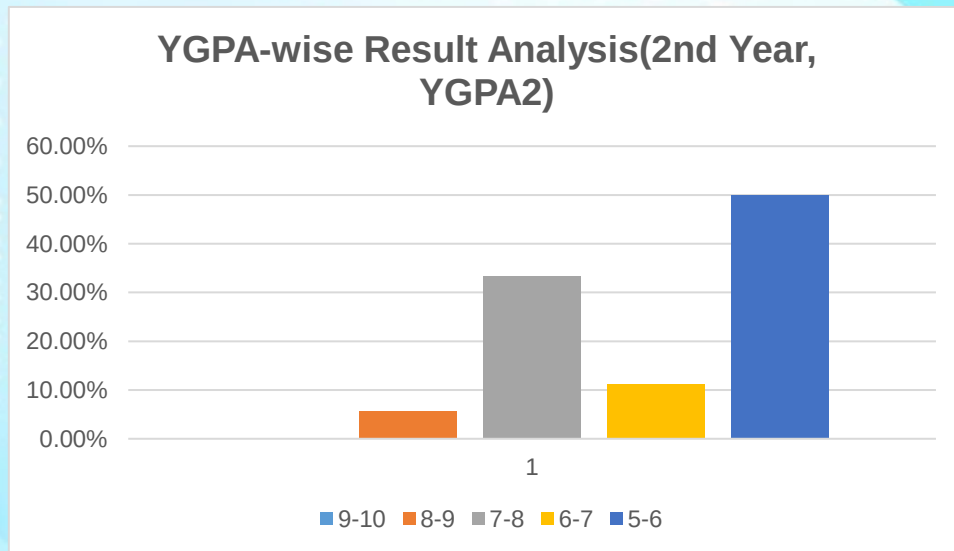
Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Electrical Engineering

Result Analysis 2022-23

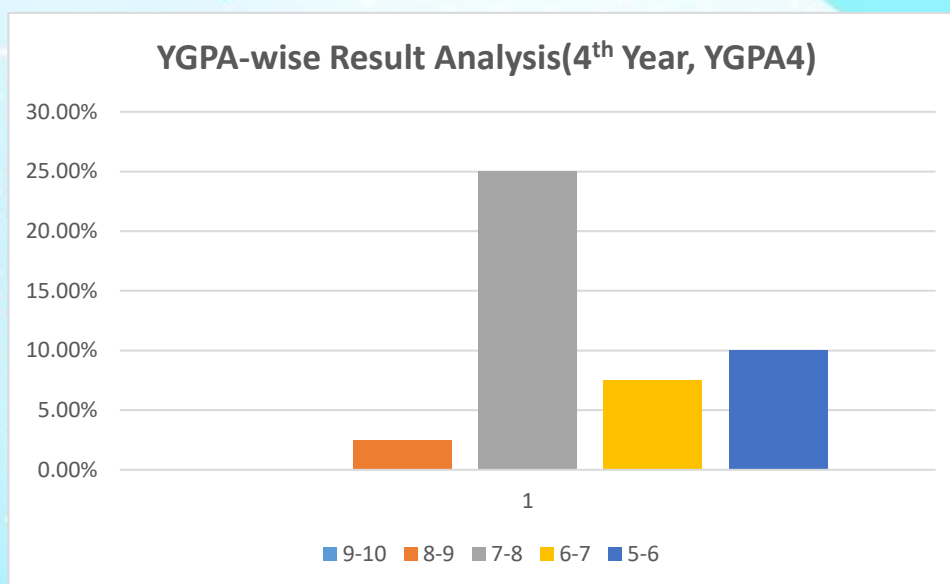
Department of Electrical Engineering

Result Analysis



Department of Electrical Engineering

Result Analysis



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Department of Mechanical Engineering

ANNUAL REPORT 2022-23

Department of Mechanical Engineering

Vision of the department

To become a top teaching-cum-research Department in Mechanical Engineering in the country through an exemplary system that leads to entrepreneurship, innovation, values and quality.

Mission of the department

- M1: To impart total quality education through effective hi-tech teaching-learning techniques and department-industries collaboration.
- M2: To mold the young dynamic potential minds to emerge as full-fledged future professionals so as to achieve top ten ranking status in the national level.
- M3: To achieve international standards to fulfill the Government's "Make In India" industrial policy through innovation and research.

Department of Mechanical Engineering

Program Outcomes

- * **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- * **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- * **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- * **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- * **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- * **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- * **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Department of Mechanical Engineering

- * **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- * **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- * **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- * **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- * **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Department of Mechanical Engineering

Program Educational Objective (PEO)

PEO1: To enhance the knowledge of the under graduates with fundamental Science of Engineering & Technical abilities.

PEO2: To develop high level of technical competency combined with research and problem-solving skills to generate innovative solutions in Mechanical Engineering and/or related interdisciplinary areas.

PEO3: To expand capability of methodological approach for taking decision and designing.

PEO4: To promote awareness towards socio-economic and energy related challenges and enhance professional as well as communication skill and perform as a team.

Department of Mechanical Engineering

Programme Specific Outcomes (PSOs)

PSO1: Graduates will be able to apply necessary mathematical and advanced software tools for design, analysis and fabrication of components used in the field of mechanical engineering.

PSO2: Students will be able to gain knowledge about engines, machineries and develop critical skills to analyze the cause and effect of complicated mechanical processes.

PSO3: Graduates will be able to gain team spirit for working in industrial projects as well as pursuing higher studies to contribute in mechanical engineering research and development.

Department of Mechanical Engineering

Brief Overview of the Department

The Department of Mechanical Engineering was established in the year 2009 at the very inception of Dr. Sudhir Chandra Sur Institute of Technology and sports complex (formerly Dr. Sudhir Chandra Sur Degree Engineering College.) The department started with a 4 years B.Tech course (Capacity 30 Students) and later on, Master of Technology (Capacity 18 Students) came into being in 2012. Mechanical engineering is one of the most sought-after core streams of engineering disciplines with multidisciplinary fields of work. The department is flourished with excellent laboratory facilities with a wide range of learning facilities, high quality teaching and laboratory staff. The Department stresses upon all round development of the students by personal interaction between the staff and students beyond stipulated working hours and available for guidance even after they have passed out of the college. The Department aims at producing employable engineers who are capable of contributing meaningfully to the society.

Department of Mechanical Engineering

HOD Message

As we come to the end of another academic year, it's a privilege to reflect on the accomplishments, challenges, and progress made by our Mechanical Engineering department throughout 2022-23. Our journey has been marked by resilience, innovation, and a commitment to excellence in education, research, and service. I extend my deepest gratitude to each member of our faculty for their unwavering dedication and contributions. Our students have once again demonstrated exceptional talent, creativity, and dedication to their studies and extracurricular activities. Whether it's participating in competitions, conducting groundbreaking research, or engaging in community outreach, our students continue to make us proud. The year 2022-23 has been significant for our department in terms of research achievements. We have secured grants for several groundbreaking projects, published papers in prestigious journals, and collaborated with industry partners to address real-world challenges. These accomplishments are a testament to the caliber of research conducted within our department. Our commitment to providing a high-quality education has never wavered, and we have embraced technology to ensure continuity in our academic programs. Looking ahead, we are excited about the opportunities that the future holds for our department. We will continue to nurture a culture of innovation, collaboration, and excellence, striving to make meaningful contributions to our field and society at large. I would like to express my heartfelt thanks to all our stakeholders, including our alumni, industry partners, and supporters, for their continued support and encouragement. Together, we will continue to elevate the stature of our department and make a positive impact on the world. As we conclude another successful year, let us celebrate our achievements and rededicate ourselves to the pursuit of excellence in Mechanical Engineering.

Dr.

Sujoy Saha

HOD, Department of Mechanical Engineering

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

ANNUAL REPORT 2022-23

Department of Mechanical Engineering

MECHANICAL DEPARTMENTAL NEWS AT A GLANCE

Department of Mechanical Engineering organized a seminar on “Building India towards Automation - Introduction to Catia” on 28.07.2022.

Department of Mechanical Engineering organized a workshop on "Business Model Canvas (BMS)" on 31.07.2022.

The department organised an Industrial visit at Ellenberrie gas Pvt. Ltd on 24.08.2022 at Birshibpur, Howrah.

Department of Mechanical Engineering organized a Essay Writing Competition on 25.08.2022.

Department of Mechanical Engineering organized a webinar on “Journey of an Entrepreneur: From Idea to Product” on 27.08.2022.

Department of Mechanical Engineering organized a Project Competition under Robotics Club on 30.08.2022.

Department of Mechanical Engineering organized a Industrial Visit for 2nd and 3rd year students at TECH COGNITION on 07.11.2022

Department of Mechanical Engineering organized a Project Competition on “BEST FROM WASTE" on 31.01.2023.

Department of Mechanical Engineering organized a Industrial visit for 2nd and 3rd year students at RDC Concrete on 20.02.2023.

Department of Mechanical Engineering organized a Industrial visit for 2nd, 3rd and 4th year students at TEXMACO-Belghoria, on 16.03.2023

Department of Mechanical Engineering organized a Industrial visit at “Kolaghat Thermal Power Station” on 18.04.2023.

Department of Mechanical Engineering

Departmental achievements

Faculty Achievements :

Mr. Arindam Banerjee completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Dr. Ruma Sen completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mrs. Arpita Chatterjee completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mrs. Arpita Dey completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mrs. Geetika Kumari Salwan a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mr. Rajarshi Chakraborty completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mr. Rahul Kumar Prajapati completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mr. Pradeep Kumar Sharma completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mr. Saumyadip Karan completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mr. Subhasish Halder completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

Mr. Subhendu Pal completed a five day FDP on “Advanced Manufacturing Latest Trends and Techniques” from 26th June to 30th June 2023.

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

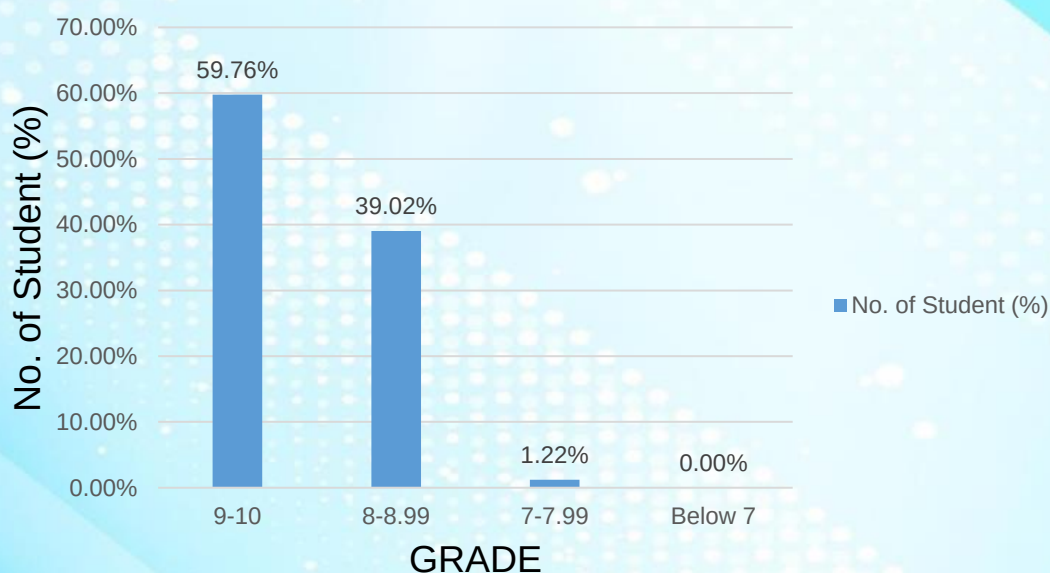
Department of Mechanical Engineering

Result Analysis 2022-23

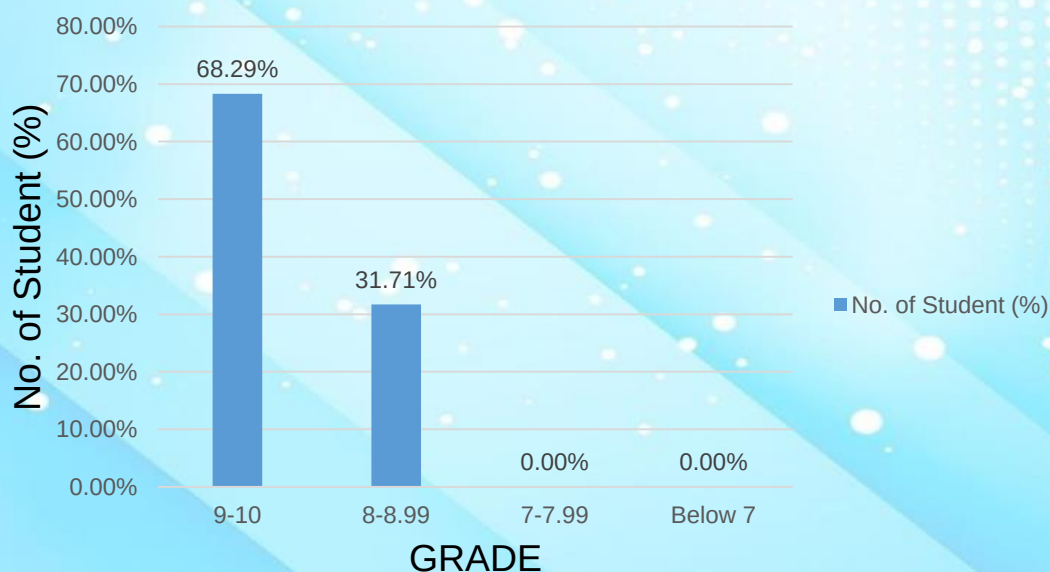
Department of Mechanical Engineering

Result Analysis

YGPA-Wise Result Analysis (2nd Year, YGPA 2)

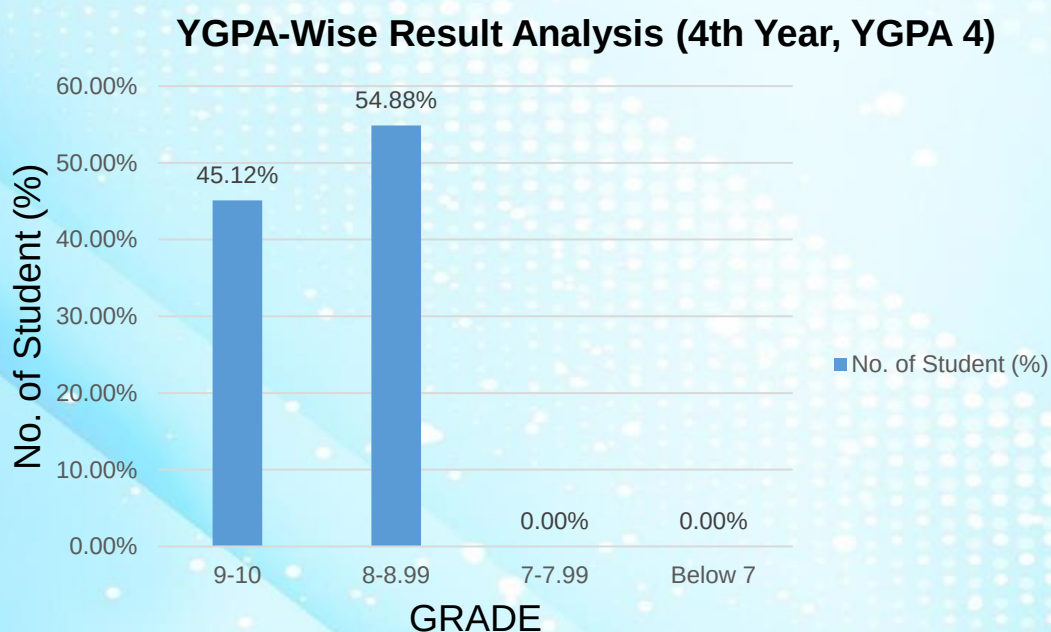


YGPA-Wise Result Analysis (3rd Year, YGPA 3)



Department of Mechanical Engineering

Result Analysis



DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Research & Publications 2022-23

Patent filed

➤ IPR FILED/PUBLISHED/GRANT

SL.NO	APPLICATION NUMBER	JOURNAL NO.	TITLE OF THE PATENT	INVENTORS' NAME	DATE OF FILED	DATE OF PUBLISHED	STATUS
1.	202211074981	52/2022	Development of Intelligent Transistor System for Smart Cities to Provide Commercial Parking Spaces Using Artificial Intelligence and Machine Learning Technique	Dr. Sayantan Chakraborty, Prathita Roy, Rumrum Banerjee	23/12/2022	30/12/2022	Published
2.	202211070120	52/2022	Development Of The Intelligent System And Method For Working Capital Financial Management Plan For E-Commerce Sites Using Machine Learning Approach	Ananya Banerjee, Debasmita Manna, Prof. Dr. Saradindu Panda	05/12/2022	30/12/2022	Published
3.	202211071592	51/2022	Development of an intelligent library management system for virtual tutorials for musical instruments with finger tracking in augmented reality using artificial intelligence	Sangeeta Jana Mukhopadhyay	12/12/2022	23/12/2022	Published
4.	202241054495	39/2022	A Smart management System for controlling Medical robot beds for preventing bedsores using AI and ML	Anirbit Sengupta	16/09/2022	23/09/2022	Published

Patent filed

➤ IPR FILED/PUBLISHED/GRANT

5.	202231053150	38/2022	Sugarcane Processing Device	Dr. Abhigyan Ganguly, Mayukh Bairagi, Anjan kr. Payra, Kalyan Mukherjee, Arijit Saha, Sayantan Ghosh	16/09/2022	23/09/2022	Published
6.	202231053151	38/2022	Wearable Gardening Assistive Device	Anirbit Sengupta, Dr. Shefalika Ghosh Samaddar et.al	16/09/2022	23/09/2022	Published
7.	202231053173	38/2022	AUTOMOBILE ACCESSORY INSTALLATION	Arindam Mukherjee, Sayantan Chakraborty, Subhasish Halder, Supriya	16/09/2022	23/09/2022	Published
			DEVICE FOR VEHICLES	Dhara, Soumita Maity, Prince Kumar Sharma			
8.	202231053172	38/2022	Table Tennis Training Device For Handicapped	Manjari Bharati, Aviroop Dewan, Arpita Saha Chowdhury, Tanmoy Das, Ayan Bag, Srijita Karmakar	16/09/2022	23/09/2022	Published
9.	202231053145	38/2022	Automated Steel Column Installation Device	Dr. ruma Sen, Dr. Sayari Biswas, Vivek Shaw, Anaya Banerjee	16/09/2022	23/09/2022	Published
10.	202231053144	38/2022	Plant Relocation Device	Sumit Saha, Rinku Supakar, sourabh Kumar Singha, Arindam Mukherjee, Abhishek Bysack, Jeet Mukherje	16/09/2022	23/09/2022	Published
11.	202231053147	38/2022	Automatic Traction Device For Vehicles	Anuska Maity, Kalyan Mukherjee, Shankha Ghosh, Abhijit Kundu, Prathita Roy	16/09/2022	23/09/2022	Published
12.	202231053171	38/2022	Sheet Manufacturing Device	Subayu Bose, Subhendu Pal, Baibaswata Das, Souradeep Roy, RumRum Banerjee, Aishee Bhattachariya	16/09/2022	23/09/2022	Published
13.	202231053170	38/2022	Assistive Device For Holding Vessel	Manali Dhar, Debdatta Chatterjee, Nibedita Biswas, Dr. Ruma Sen, Joydeep Roy Chowdhury, Subhdeep Paul	16/09/2022	23/09/2022	Published
14.	202231053154	38/2022	Seed Sowing Device	Dr. Sangeeta Jana Mukhopadhyay, Aviroop Dewan, Madhusmita mishra, Dr. Ruma Sen, Bishal Ghosh, Yash Raj Singh	16/09/2022	16/09/2022	Published
15.	202231053174	38/2022	Workpiece Cutting Device	Snehanshu Das, Dr. Ruma Sen, Arpita Chatterjee, Pritam Bhattacharya, Tanmoy Da	16/09/2022	23/09/2022	Published

Patent filed

➤ IPR FILED/PUBLISHED/GRANT

16.	202131009490	36/2022	IOT Based Growth Monitoring System For Crops and Fruits	Anirbit Sengupta,	07/03/2021	09/09/2022	Published
17.	202231053146	38/2022	Metal Sheet Designing Device	Souvik Chakraborty, Pallabi Bose, Krishnendu Kundu, Biswajit Gayen, Priyanka Bhattacharjee, Sayandeep Das, Sneha Chakraborty	16/09/2022	23/09/2022	Published
18.	202231053152	38/2022	Hand Exercising Device	Anirbit Sengupta, Amitava Halder, Debasmita Roy Choudhury, Dibakar Roy, Nikita Sarkar, Swarnajyoti Paul	16/09/2022	23/09/2022	Published
19.	202231053153	38/2022	Muscle Strengthening Exercise Device	Dr. Sangeeta Jana Mukhopadhyay, Debasmita Roy Choudhury, Dr. Sayari Biswas, Debjyoti Chakraborty, Kriti Keshari, Rounak Bhattacharya	16/09/2022	23/09/2022	Published
20.	202231053148	38/2022	Body Shell Reshaping Device	Dr. Avigyan Ganguli, Dr. Sayari Biswas, Nibedita Biswas, Debasmita Manna, Rohit Kumar Rajbhar, Kashmita Nath Sarkar	16/09/2022	23/09/2022	Published
21.	202022104243.8	G06Q 40/02 (2012.01)	Artificial Intelligence Based Digital Credit System and Personalized Support	Ahmed, Sayed Sayeed, Anirbit Sengupta, Ahmed Sayed Abbas	27/07/2022	22/09/2022	Published
22.	202241042430	30/2022	An Intelligent System and a Method For Monitoring Laundry Machine Operations Using Machine Learning For Analyses of Acoustic Transducer Signal Information	Anirbit Sengupta, Dr. Avigyan Ganguly	25/07/2022	29/07/2022	Published

Publications

Sl. No.	Name of the teacher	Title of the book/Chapter/conference Published	Title of the paper	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Link of chapter/book website	ISBN Info Document
1	Rinku Supakar, Madhusmita Mishra	International conference Sustainable Environmental Engineering and Science	An Overview of Energy Efficient Optimization and Green Networking	2023	978-981-99-0823-3	Springer Singapore	https://doi.org/10.1007/978-981-99-0823-3_17	978-981-99-0823-3
2	Madhusmita Mishra	International Conference on Innovations in Software Architecture and Computational Systems	Analysis of Datasets Using Soft Computing Techniques	2023	1551-7616	AIP Conference Proceedings	https://doi.org/10.1063/5.0168019	1551-7616
3	Madhusmita Mishra	International Conference on Innovations in Software Architecture and Computational Systems	An Intelligent Model for Predicting Human Diseases by Using Machine Learning Techniques	2023	1551-7616	AIP Conference Proceedings	https://doi.org/10.1063/5.0166581	1551-7616
4	Krishnendu Kundu	International conference Sustainable Environmental Engineering and Science	Role of Fly Ash as an Alternative Filler Material in Asphalt Concrete Road	2023	978-981-99-0823-3	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-99-0823-3_13	978-981-99-0823-3
5	Sourav Kumar Singha, Souvik Chakraborty	International conference Sustainable Environmental Engineering and Science	Comparative Analysis of Water Storage Change in Ganga–Brahmaputra Basin Based on GLDAS Model Using QGIS Software	2023	978-981-99-0823-3	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-99-0823-3_19	978-981-99-0823-3
6	Souvik Chakraborty, Baibaswata Das, Souradeep Roy, Sourav Kumar Singh	International conference Sustainable Environmental Engineering and Science	Electrical Conductivity as an Indicator of Sea Water Intrusion in South 24 Parganas, West Bengal, India	2023	978-981-99-0823-3	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-99-0823-3_7	978-981-99-0823-3
7	Ananya Banerjee	International Symposium on Devices Circuits and Systems	Smart Device and Mobile Application For Remote Health Monitoring and Alarming.	2023	978-981-99-0055-8	Springer Singapore	https://doi.org/10.1007/978-981-99-0055-8_31	978-981-99-0055-8
8	Debasmita Manna	5th International Conference on 2023 Devices for Integrated Circuit, DevIC 2023	Towards Energy-Efficient Cost-Effective Toffoli Gate Design using Quantum Cellular Automata	2023	979-8-3503-4726-5	IEEE Xplore	https://ieeexplore.ieee.org/document/10135003	979-8-3503-4726-5

Publications

Number of research papers published per teacher in the Journals notified on UGC care list

Sl. No	Title of the Paper	Name of the Author/s	Department of the teacher	Name of the Journal	ISSN number	Link to the File	Link to the article/paper/abstract of the article
1	Numerical investigation for performance and emission characteristics of a diesel engine fueled with soybean methyl ester biodiesel - Diesel blend	Kalyan Mukherjee	Automobile Engineering	Journal of Decision Analytics and Intelligent Computing	2787-2572	View	https://www.jdaic-journal.org/index.php/about/article/view/46
2	Evaluating Eco-friendly Refrigerant Alternatives for Cascade 3 Refrigeration Systems: A Thermo-economic Analysis	Ranendra Roy	Automobile Engineering	Processes	2227-9717	View	https://www.mdpi.com/2227-9717/11/6/1622
3	Microwave absorption and hyperthermia properties of titanium dioxide–nickel zinc copper ferrite nanocomposite	Sukhendu Sadhukhan	Basic Science and Humanities	Journal of Magnetism and Magnetic Materials	0304-8853	View	https://www.sciencedirect.com/science/article/abs/pii/S0304885323010235
4	MorphAttnNet: An Attention-based morphology framework for lung cancer subtype classification	Amitava Halder	Computer Science and Engineering	Biomedical Signal Processing and Control	1746-8108	View	https://www.sciencedirect.com/science/article/abs/pii/S1746809423005827
5	A critical review of the advances in valorizing agro-industrial wastes through mixed culture fermentation	Biswabandhu Chatterjee	Civil Engineering	Journal of Environmental Chemical Engineering	2213-3437	View	https://www.sciencedirect.com/science/article/abs/pii/S2213343723025770

DR. SUDHIR CHANDRA SUR INSTITUTE OF TECHNOLOGY AND SPORTS COMPLEX

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074 Website:

www.surtech.edu.in, Email: info@dsec.ac.in

Affiliated to Maulana Abul Kalam Azad University of Technology West Bengal,
WBSCTVESD and Approved by AICTE

Committee List 2022-23

Committee List

Board of Governors (BOG)

Sl No.	Name	Particular	Position
1	Prof. (Dr.) G.L. Datta	Educationist	Chairman
2	The Regional Director	AICTE, Eastern Regional Office	Member
3	Mr. Partha Ghosh	State Govt. Nominee	Member
4	Prof. Narayan Banerjee	MAKAUT Nominee	Member
5	Mr. Taranjit Singh	Managing Trustee, JIS Foundation	Member
6	Mr. Haranjit Singh	Trustee Member, JIS Foundation	Member
7	Mr. Amrik Singh	Trustee Member, JIS Foundation	Member
8	Mr. Simarpreet Singh	Trustee Member, JIS Foundation	Member
9	Mr. Harjot Singh	Trustee Member, JIS Foundation	Member
10	Mr. Amanjot Singh	Trustee Member, JIS Foundation	Member
11	Mr. U. S. Mukherjee	Deputy Director, JIS Group	Member
12	Mr. Amit Srivastava	Managing Director, Hash Technology	Member
13	Dr. Asit Guha, Advisor	JIS Group (Educationist)	Member
14	Dr. Biswabandhu Chatterjee	Convener, R&D Cell, DSCSITSC	Member
15	Mr. Vivek Shaw	BSHU & In-charge, Exam Cell	Member
16	Ms. Amrita Chadha	Dept. of Administration, DSCSITSC	Member
17	Dr. Saradindu Panda	Principal, DSCSITSC	Member Secretary

Committee List

Academic Council

1	Dr. Saradindu Panda, Principal	Admin	Chairman
Three Nominees of MAKAUT, WB			
2	Prof. (Dr.) Manojit Mitra, Dept. of ECE, IEST Shibpur	External	University Nominee
3	Prof.(Dr.) Subhasish Bhowmik, Dean R&D IEST Shibpur	External	University Nominee
4	Prof.(Dr.) Amitava Chatterjee, Dept. of EE, JU	External	University Nominee
Experts / Academicians from Outside the College Nominated by Governing Body			
5	Prof.(Dr.) Goutam Sutradhar, Director, NIT Manipur	External	External Academic Expert
6	Prof. (Dr.) Debashis De, Professor, MAKAUT	External	External Academic Expert
7	Prof. (Dr.) Mita Nsipuri, Professor, Jadavpur University	External	External Academic Expert
8	Mr. Atanu Chowdhury, Deputy General Manager- HR & IR, Electrosteel Castings LTD	External	Industry Expert
9	Mr. Turjasu Pyne, Senior Embedded Engineer, Silicon Validation for NXP	External	Industry Expert
Dean (Academics), IQAC Coordinator & Controller of Exam			
10	Mr. Vivek Shaw	BSH	Member Secretary
11	Ms. Dazy Rani, Assistant Registrar	Admin	Member
All the Heads of Department			
12	Dr. Biswabandhu Chatterjee, HOD	CE	Member
13	Dr. Himadri Biswas, HOD	CSE	Member
14	Dr. Abhigyan Ganguly, HOD	ECE	Member
15	Dr. Dr. Sk Tanbir Islam, HOD	AUE	Member
16	Dr. Sayantan Chakraborty, HOD	EE	Member
17	Mr. Subhasish Halder, TIC	ME	Member
18	Dr. Dipankar Das, HOD	BSH	Member
Four Teachers representing different categories			
19	Dr. Shefalika Ghosh Samaddar, Faculty	CSE	Member
20	Dr. Sangeeta Jana Mukhopadhyay, Faculty	ECE	Member
21	Ms. Madhusmita Mishra, Faculty	CSE	Member

Committee List

Other Institutional Committee

SI No	Committee Name
1	BOG Committee
2	Institutional Academic Committee
3	Internal Quality Assurance Cell
4	Finance Committee
5	Disciplinary & Grievance Redressal
6	Anti - Ragging Committee
7	Anti - Ragging Squad
8	Internal Complaint Committee
9	SC & ST Committee
10	Academic Council
11	Exam Cell
12	Store & Purchase Committee
13	Library Committee
14	Innovation & Incubation Cell
15	Industry Institute partnership Cell
16	Training & Placement Cell
17	Research & Development Cell
18	Student Life Centre & Extracurricular Committee
19	Admission Cell
20	Academic & Administrative Audit Committee
21	Alumni Cell
22	NSS & NCC Committee
23	Women Cell
24	Sports Committee
25	Canteen Committee
26	Entrepreneurship Development Cell
27	Science & Technology Committee
28	Hostel Committee
29	Student Affair/ Welfare Committee
30	Timetable Committee

Contributors Names

Editor in Chief:

- **Dr. Sukhendu Sadhukhan, Assistant Professor**
Basic Sciences and Humanities Department

Associate Editors:

- Ms. Madhusmita Mishra, Assistant Professor (CSE)
- Ms. Debasmita Manna, Assistant Professor (ECE)
- Ms. Bidisha Dobe, Assistant Professor (ECE)
- Ms. Geetika Kumari Salwan, Assistant Professor (ME)
- Mr. Baibaswata Das , Assistant Professor (CE)
- Mr. Sourav Kumar Singha, Assistant Professor (CE)
- Mr. Arindam Mukherjee, Assistant Professor (AUE)
- Mr. Prathita Roy, Assistant Professor (EE)